PROCEEDINGS

OF THE

TWENTY-FIFTH ANNUAL MEETING

OF THE

North Carolina Pharmaceutical Association

HELD AT

ASHEVILLE, JULY 14-15, 1904

ALSO THE

CONSTITUTION, BY-LAWS, CODE OF ETHICS, ROLL OF MEMBERS AND THE STATE PHARMACY LAW, WITH LIST OF REGISTERED PHARMACISTS.

1904:
THE SEEMAN PRINTERY, PRINTERS AND BINDERS.
DURHAM, N. C.

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OFFICERS, COMMITTEES AND DELEGATES.

1904-1905.

OFFICERS:

PRESIDENT.

G. K. GRANTHAM.....DUNN.

VICE-PRESIDENTS.

T. R. HOOD.....SMITHFIELD.
C. B. MILLER.....GOLDSBORO.
C. R. THOMAS.....THOMASVILLE.

SECRETARY.

P. W. VAUGHAN.....DURHAM.

TREASURER.

A. J. COOK.....FAYETTEVILLE.

EXECUTIVE COMMITTEE.

E. W. O'HANLON.....WINSTON.
G. R. WOOTTEN.....HICKORY.
H. A. PFAFFLIN.....ASHEVILLE.
J. M. SCOTT.....CHARLOTTE.

LOCAL SECRETARY.

F. S. DUFFIE.....NEW BERN.

COMMITTEES:

PAPERS AND QUERIES.

WM. M. YEARBY.....DURHAM.
GEO. Y. WATSON.....SOUTHPORT.
JNO. T. HOWELL.....ASHEVILLE.

TRADE INTERESTS.

J. E. SHELL.....LENOIR.
R. L. HAMILTON.....OXFORD.
W. F. WELBORNE.....LEXINGTON.

LEGISLATION.

F. W. HANCOCK.....Oxford.
W. W. HORNE.....Fayetteville.
WILLIAM SIMPSON.....Raleigh.
E. V. ZOELLER.....Tarboro.
C. D. BRADHAM.....New Bern.

ADULTERATIONS.

G. R. PILKINGTON.....Pittsboro.
W. C. CARMICHAEL.....Asheville.
CHAS. H. KING.....Durham.

DELEGATES:

AMERICAN PHARMACEUTICAL ASSOCIATION.

L. RICHARDSON.....Greensboro.
J. K. HOLLOWELL.....Wilson.
W. A. LESLIE.....Morganton.
W. M. COOK.....Salisbury.
C. B. MILLER.....Goldsboro.

VIRGINIA PHARMACEUTICAL ASSOCIATION.

W. A. LEGGETT.....Edenton.
W. A. MAY.....Rocky Mount.
J. E. HOOD.....Kinston.

SOUTH CAROLINA PHARMACEUTICAL ASSOCIATION.

E. F. TOWNSEND.....Red Springs.
J. HICKS BUNTING.....Wilmington.
O. E. FRANKLIN.....Fayetteville.

NATIONAL ASSOCIATION OF RETAIL DRUGGISTS.

C. A. RAYSOR.....Asheville.
C. D. BRADHAM.....New Bern.

OFFICERS OF THE ASSOCIATION

SINCE ITS ORGANIZATION.

PRESIDENTS.

E. M. Nadal	Wilson	1880—1881
S. J. Hinsdale	Fayetteville	1881—1882
William Simpson	Raleigh	1882—1883
W. H. Green	Wilmington	1883—1884
V. O. Thompson	Winston	1884—1885
H. R. Horne	Fayetteville	1885—1886
A. W. Rowland	Wilson	1886—1887
F. W. Hancock	New Bern	1887—1888
T. D. Crawford	Oxford	1888—1889
J. D. Croom	Maxton	1889—1890
E. V. Zoeller	Tarboro	1890—1891
W. H. Wearn	Charlotte	1891—1892
H. R. Chears	Plymouth	1892—1893
N. D. Fetzer	Concord	1893—1894
J. Hal Bobbitt	Raleigh	1894—1895
P. W. Vaughan	Durham	1895—1896
Augustus Bradley	Burlington	1896—1897
J. P. Stedman	Oxford	1897—1898
W. M. Yearby	Durham	1898—1899
J. B. Smith	Lexington	1899—1900
R. H. Jordan	Charlotte	1900—1901
E. W. O'Hanlon	Winston-Salem	1901—1902
W. T. Hicks	Raleigh	1902—1903
W. A. Leslie	Morganton	1903—1904

FIRST VICE-PRESIDENTS.

S. J. Hinsdale	Fayetteville	1880—1881
William Simpson	Raleigh	1881—1882
E. H. Meadows	New Bern	1882—1883
John H. Hill	Goldsboro	1883—1884
H. R. Horne	Fayetteville	1884—1885
A. W. Rowland	Wilson	1885—1886
F. W. Hancock	New Bern	1886—1887
T. D. Crawford	Oxford	1887—1888
J. D. Croom	Maxton	1888—1889
E. V. Zoeller	Tarboro	1889—1890
W. H. Wearn	Charlotte	1890—1891
H. R. Chears	Plymouth	1891—1892

N. D. Fetzer	Concord	1892—1893
J. Hal Bobbitt	Raleigh	1893—1894
P. W. Vaughan	Durham	1894—1895
Augustus Bradley	Burlington	1895—1896
J. P. Stedman	Oxford	1896—1897
W. M. Yearby	Durham	1897—1898
J. B. Smith	Lexington	1898—1899
R. H. Jordan	Charlotte	1899—1900
John H. Hardin	Wilmington	1900—1901
Henry T. Hicks	Raleigh	1901—1902
W. A. Leslie	Morganton	1902—1903
G. K. Grantham	Dunn	1903—1904

SECOND VICE-PRESIDENTS.

William Simpson	Raleigh	1880—1881
E. H. Meadows	New Bern	1881—1882
V. O. Thompson	Winston	1882—1883
V. O. Thompson	Winston	1883—1884
A. W. Rowland	Wilson	1884—1885
F. W. Hancock	New Bern	1885—1886
B. E. Sedberry	Fayetteville	1886—1887
W. C. Carmichael	Asheville	1887—1888
L. Richardson	Selma	1888—1889
W. H. Wearn	Charlotte	1889—1890
H. R. Chears	Plymouth	1890—1891
N. D. Fetzer	Concord	1891—1892
J. Hal Bobbitt	Raleigh	1892—1893
P. W. Vaughan	Durham	1893—1894
Augustus Bradley	Raleigh	1894—1895
J. P. Stedman	Oxford	1895—1896
W. M. Yearby	Durham	1896—1897
J. B. Smith	Lexington	1897—1898
R. H. Jordan	Charlotte	1898—1899
E. W. O'Hanlon	Winston	1899—1900
H. T. Hicks	Raleigh	1900—1901
W. A. Leslie	Morganton	1901—1902
G. K. Grantham	Dunn	1902—1903
T. R. Hood	Smithfield	1903—1904

THIRD VICE-PRESIDENTS.

E. H. Meadows	New Bern	1880—1881
V. O. Thompson	Winston	1881—1882
T. C. Smith	Charlotte	1882—1883
T. C. Smith	Charlotte	1883—1884
F. W. Hancock	New Bern	1884—1885
John Tull	Morganton	1885—1886
J. D. Croom	Maxton	1886—1887

W. H. Wearn	Charlotte	1887—1888
H. C. Shannon	Goldsboro	1888—1889
P. W. Vaughan	Durham	1889—1890
N. D. Fetzer	Concord	1890—1891
B. E. Sedberry	Fayetteville	1891—1892
W. G. Thomas	Louisburg	1892—1893
Augustus Bradley	Raleigh	1893—1894
R. L. Dixon	Milton	1894—1895
H. M. McDonald	LaGrange	1895—1896
J. B. Smith	Lexington	1896—1897
J. I. Johnson	Raleigh	1897—1898
E. W. O'Hanlon	Winston	1898—1899
H. T. Hicks	Raleigh	1899—1900
W. A. Leslie	Morganton	1900—1901
G. K. Grantham	Dunn	1901—1902
T. R. Hood	Smithfield	1902—1903
C. B. Miller	Goldsboro	1903—1904

SECRETARIES.

T. C. Smith	Charlotte	1880—1882
J. C. Munds	Wilmington	1882—1887
E. V. Zoeller	Tarboro	1887—1890
F. W. Hancock	Oxford	1890—1894
H. R. Horne	Fayetteville	1894—1899
P. W. Vaughan	Durham	1899—1904

TREASURERS.

John S. Pescud	Raleigh	1880—1882
A. S. Lee	Raleigh	1882—1891
A. J. Cook	Fayetteville	1891—1904

PLACES OF MEETING AND LOCAL SECRETARIES.

Raleigh, 1880	Organization Meeting.
New Bern, 1881	Business Committee.
Winston, 1882	S. H. Smith.
Wilmington, 1883	John H. Hardin.
Charlotte, 1884	L. R. Wriston.
Greensboro, 1885	R. G. Glenn.
Fayetteville, 1886	B. E. Sedberry.
Asheville, 1887	W. C. Carmichael.
Goldsboro, 1888	H. C. Shannon.
Durham, 1889	P. W. Vaughan.
Morehead City, 1890	F. W. Hancock.
Morehead City, 1891	R. J. Gooding.
Raleigh, 1892	W. H. King.
Greensboro, 1893	F. A. Bobbitt.
Asheville, 1894	W. G. Smith.

Morehead City, 1895.....B. C. Jones.
Morehead City, 1896.....C. D. Bradham.
Raleigh, 1897.....J. H. Bobbitt.
Charlotte, 1898.....W. H. Wearn.
Durham, 1899.....P. C. Sneed.
Wilmington, 1900.....John H. Hardin.
Winston-Salem, 1901.....E. W. O'Hanlon.
Morehead City, 1902.....C. D. Bradham.
Morehead City, 1903.....F. S. Duffy.
Asheville, 1904.....W. C. Carmichael.

MEMERS OF THE

AMERICAN PHARMACEUTICAL ASSOCIATION.

FOR THIS STATE.

Augustus Bradley.....Burlington.
William Simpson.....Raleigh.
E. V. Zoeller.....Tarboro.
W. H. Wearn.....Charlotte.
J. H. Hardin.....Wilmington.
P. W. Vaughan.....Durham.
J. D. Croom.....Maxton.
Whitford G. Smith.....Asheville.
J. Hal Bobbitt.....Raleigh.
D. D. Johnson.....Concord.
John Y. McRae.....Raleigh.
F. T. Smith.....Franklin.
W. M. Yearby.....Durham.
F. W. Hancock.....Oxford.
H. T. Hicks.....Raleigh.
E. V. Howell.....Chapel Hill.
C. D. Bradham.....New Bern.

MEMBERS ELECTED

AT THE

TWENTY-FIFTH ANNUAL MEETING.

Germain Bernard.....Durham.
Emmett Edward Walker, M. D.....Snow Hill.
J. C. Bolton.....Dunn.
P. C. Gray.....Statesville.
Geo. E. Parker.....Benson.
Hiram Grantham.....Red Springs.
C. E. King.....Durham.
Harris L. King.....Durham.
Charles H. King.....Durham.
W. T. Welborn.....Lexington.
C. A. Raysor.....Asheville.
Walter M. Cook.....Salisbury.
Henry A. Pfafflin.....Asheville.
R. E. L. Cook.....Tarboro.
J. T. Harrell.....Asheville.
Geo. Y. Watson.....Southport.
Addie H. Boyett.....Smithfield.
Clarence P. Harper.....Selma.
Chas. E. Moore, Jr.....Wilson.
William D. Bryan.....Tarboro.
O. E. Franklin.....Fayetteville.
Eli Earle Detter.....Dallas.
J. C. Simmons.....Graham.
John Duncan McMillan.....Lumberton.
W. Jas. Boon.....Benson.
Penrose Baldwin.....Asheville.
William Robert Wilkins.....King's Mount'n
Charles Bernard Kidd.....Charlotte.
Ptolemy D. Summy.....Dillon.
Vernon Few.....Hendersonville.
J. Lean Adams.....Gastonia.
Chas. N. Simpson.....Monroe.
R. A. Dunn.....Charlotte.
Charles H. Cavis.....Gastonia.
W. C. Carmichael.....Asheville.

MEMBERS IN ATTENDANCE

AT THE

TWENTY-FIFTH ANNUAL MEETING.

ASHEVILLE, JULY 14-15, 1904.

Bradham, C. D ..... New Bern.
Brame, R. M ..... Winston.
Clapp, Clarence ..... Newton.
Cook, A. J ..... Fayetteville.
Freeze, R. P ..... Newton.
Grantham, George K ..... Dunn.
Grantham, Hiram ..... Red Springs.
Hall, William F., Jr ..... Statesville.
Hancock, F. W ..... Oxford.
Hicks, H. T ..... Raleigh.
Hollowell, Jabez K ..... Wilson.
Hood, T. R ..... Smithfield.
Horne, Warren W., Ph. C ..... Fayetteville.
Howell, E. V., A. B., Ph. G ..... Rocky Mount.
Howell, J. T ..... Asheville.
King, C. E ..... Durham.
King, Charles H ..... Durham.
Leslie, W. A ..... Morganton.
Miller, C. B., Ph. G ..... Goldsboro.
Missildine, E. E ..... Tryon.
O'Hanlon, E. W ..... Winston.
Pfafflin, Henry A ..... Asheville.
Pilkington, G. R ..... Pittsboro.
Prior, Jackson L ..... Raleigh.
Raysor, C. A ..... Asheville.
Scott, John M ..... Charlotte.
Shell, Junius E ..... Lenoir.
Simpson, Chas. N., Jr ..... Monroe.
Smith, Frank T ..... Franklin.
Smith, J. B ..... Lexington.
Smith, T. C., M. D ..... Asheville.
Thomas, Charles R ..... Thomasville.
Vaughan, P. W., Ph. G ..... Durham.
Watson, Geo. Y ..... Southport.
Wilborn, W. F ..... Lexington.
Wootten, G. R ..... Hickory.
Zoeller, Edward V., Ph. G ..... Tarboro.

PREPARATORY NOTES.

For blank applications for membership, write to the Secretary, P. W. Vaughan, Durham.

In case of the death of a member coming to your notice, advise the Secretary, giving such particulars as may be desirable to publish.

If you find your name omitted or incorrectly spelled, or your address erroneously given, notify the Secretary at once, giving your full name and address.

For information concerning Examinations the State Pharmacy Law and its enforcement, and Certificates of Registration, address F. W. Hancock, Secretary Board Pharmacy, Raleigh.

☞ Take notice of the advertisers who have liberally responded to requests of advertisements, mentioning the Proceedings in your correspondence with them. You can render no better service to the Association.

MINUTES

OF THE

TWENTY-FIFTH ANNUAL MEETING

First Session.

Asheville, N. C., July 14, 1904.

The Twenty-fifth Annual Meeting of the North Carolina Pharmaceutical Association was called to order in the convention hall of the Battery Park Hotel, at 11:20 a. m., by President W. A. Leslie. Prayer was offered by Rev. W. T. Capers.

Hon. J. D. Murphy was introduced to the Association and delivered the address of welcome.

ADDRESS OF WELCOME.

Mr. President and Gentlemen of the North Carolina Pharmaceutical Association:

The pleasant duty has devolved upon me of extending to you a welcome to this city and community. It gives me pleasure to welcome in our midst a body of men whose lives are devoted to the alleviation of pain and to soothing the sufferings of the race. Druggists are men noted as men of clean hands, clean lives and clear consciences. As a class, druggists are voted "splendid fellows."

We trust that you of the east and center will enjoy being fanned by the cool breezes of this mountain land. From the torrid regions of the east you come to the temperate regions of the west. Think of it! What a change! From Goldsboro, Tarboro, Durham and Dunn to Asheville! You can here stop panting and begin to breathe. You can here drink *aqua pura* refined and purified in natures distilleries amid the highest mountain peaks east of the rockies. You can also, if you wish, avail yourselves of some *aqua non pura* from stills not made by nature's hands eternal in the mountains.

We bid you welcome to the most beautiful city in the world except the ones from which you respectively came. We bid you contemplate and

enjoy the great panorama of nature surrounding our city. We bid you look upon our sky lines and ride to your hearts content on our car line, the best equipped in the South.

Asheville is indeed a city set upon a hill shedding afar the light of progress, of helpfulness, of healthfulness. To this Mecca annually 60,000 tourists come, some to kneel for restoration at the shrine of Hygeia, the goddess of health; some to worship at the shrine of Terpsichore, and a few to worship at the shrine of Bacchus. Thousands of these tourists, also kneel before our doctors and druggists and they rise much lighter (in pocketbook) than when they knelt.

It is generally understood in Asheville that when any one is requested to welcome any gathering to this city, that he must immediately become a disciple of Gideon and blow a horn—that is, Asheville's horn. You have many things to blow about where you came from. You blow from hot weather, if nothing else. We have many things to blow about in Asheville. We have the finest drug stores in the State. We have more doctors than any other town in the State. The people who live here do not need these doctors, but the people who come from the unhealthy districts of the land do need them. And I tell you these doctors flourish like green bay trees! We have the finest school system in the State. We have more paved streets and our city is aborned with a bigger bonded debt than any other city in the State.

We have as fine water system as any city in America, if not in the world. Indeed we have a great deal more water than we have bread. Other parts of the country have to furnish the bread and we furnish the water.

We have a population of 16,000 people 3,000 of whom are *colonels*, 5,000 *men* and 8,000 of the prettiest women in the world, your wives, your daughters and your sweethearts excepted. If there be any bachelors and widowers among you, keep your eyes open because you are in the midst of the greatest pasture of feminine beauty you have roamed in in many a year.

We further bid you welcome to a community that is great by nature, is great in history, is great in the character of men that it has produced.

It has given birth and breeding to David L. Swain, distinguished alike as statesman and educator; to Augustus S. Merrimon whose judicial opinions illumine the judicial literature of our State; to Zebulon B. Vance, the intellectual Mt. Mitchell among the men of North Carolina, big in brain and big of heart, loved by all our people and the greatest North Carolinian, living or dead.

And now gentlemen in behalf of the local druggists of Asheville, than whom there is no more progressive, no more public spirited, no more honorable body of men in any town in this State, I bid you make yourselves at home in our midst and enjoy yourselves. In the name of the mayor and city authorities I turn over the key of the city to you and bid you take possession while you stay in our midst.

Vice-President G. K. Grantham, on behalf of the Association, responded to the address of welcome as follows:

RESPONSE TO ADDRESS OF WELCOME.

Mr. Murphy:

It is with very great pleasure, that I respond to the address of welcome, which you and your good people have extented to us on this occasion. The open doors of your magnificent city, here by the beautiful French Broad, are at our command.

We came for business and to enjoy your mountain breezes, your lovely homes and rare scenery. Since the organization of our Association in Raleigh in the year 1880, we have been your guest twice. In 1887 and 1894, again today we are with you for the third time. We are glad to find your people prosperous. You can point with pride to your elegant hotels, Battery Park, Kenilworth Inn, Swannanoa, Berkly and others. To your twenty churches, with spires pointing heavenward, your progressive schools with a valuation of $600,000, and twenty-five hundred children in attendance. Your electric cars, paved streets and city value of $6,000,000. Your city was named after Samuel Ashe, one of the early governors of this commonwealth, and it has done honor to her people by erecting yonder shaft, to the memory of that noble, patriotic statesman, Governor and Senator Zebulon B. Vance.

You are delightfully situated 2,300 feet above the sea level at old Morehead where we last met, or Wilmington on the eastern shore. Nature has endowed you with some of the grandest and most romatic scenery of the world. Your healthful location and charming views, have made you famous as a winter and summer resort, not only for the health seeker and invalid but the tourist and pleasure seeker also. We have been informed (whether correctly so or not) that many of the rhizomes, rootlets, herbs, barks and leaves of medical value, are grown on your mountain sides and in your valleys. That your clear waters and crystal streams are especially adapted to the manufacture of certain *elixirs* and *aquas* in *drug vernacular*, but, in the synonym of the native Buncombe people, known as "mountain dew." So we drop a note of warning to you fellow druggist, from the level country of the east and especially to the gentlemen of Harris Lithia fame, and the man from Chatham, "Be careful what you get mixed up with while here."

Now in behalf of the North Carolina Pharmaceutical Association, I thank you, for the pleasant things you have said about us and the welcome expressions that we have received at your hands. And will add, that while we use some rather deceptive terms in our business, it consists of more than selling paregoric, Bull's baby syrup, Hoyt's German Cologne, or the making of hair oil. There is a real science in the drug profession. Some of the chosen fraternity, have reached the high-water mark of fame, and we have now at the University of North Caro-

lina under the management of Prof. E. V. Howell, a course in Pharmacy, that equal the best, and the young men who have passed that course and gone out are meeting with success.

We might take more of your time, in reviewing the good of the Association and the benefits of these annual meetings, but will say in conclusion, that we are delighted to be here, and expect to scale some of your mountain tops, drink from your clear waters, breathe your pure air, and return to our home, greatly benefited from having visited your noted and inspiring city of western North Carolina.

THE PRESIDENT. The Secretary will please call the roll. A quorum being present, I declare the Association ready for business.

On motion, the reading of the minutes of the last meeting was dispensed with.

The President then delivered his address, Mr. G. K. Grantham, First Vice-President, in the chair.

PRESIDENT'S ADDRESS.

To the Members of the North Carolina Pharmaceutical Asssociation:

It is a great pleasure to our Association to meet with our brethren of this beautiful and prosperous city—perhaps the best known city in the South.

Who in all our fair land has not heard of Asheville—or the thrift and enterprise of her men—the beauty of her women—the enchantment of her landscape and the invigorating purity of her air?

It is related that a distinguished Asheville lawyer, of a past generation, when a purchaser of land complained of the price, said, "We give you the land but charge for the air."

It is sometimes reported that Asheville is a "wide open" town—considering the "glad hand" of our pharmaceutical brethren, the cordial greeting from all classes of your citizens—the eloquent words of warm welcome, and the evidences of prosperity and push witnessed at every turn we are convinced that it is wide open to all men who stand for lofty ideals and high endeavor—that you open wide your doors to all who will aid in your material development—whether he be a multi-millionaire or an humble laborer.

Gentlemen of the Association I must congratulate you on the healthy growth and development of our Association, the wonderful strides and improvement it has made in all lines of work related to our profession.

The enactment of wise laws for our protection—the larger culture of our profession—the establishment of a chair of Pharmacy at our State University are a few of the things that bespeak our development. Our profession is well nigh sacred.

A druggist in the best sense of the word stands in somewhat the same relation to a community as does the faithful minister—the successful physician.

He studies the physical and chemical properties of material substances to the end that they may be changed into life giving properties.

To mix these substances in delicate and just proportions requires a trained mind, a skilled hand and often, my friends, a clean heart.

Today marks an epoch in our history—today we celebrate our 25th anniversary—our "Silver Jubilee"—and in all our deliberations let there be the ring of true metal—the integrity of honest purpose—the earnest desire to reach after practical things.

What wonderful strides our Association has made in the quarter of a century behind us. Its a long stride from the drug store of twenty-five years ago with its calomel, its castor oil, its paregoric, its Perry Davis Pain-killer, its mean soda water—to the drugstore of today.

Apart from the fact that our prescription men are better trained, more skilled than ever before; an up-to-date drugstore is something of a social and political center.

Men of culture, and women of grace often gather there and discuss not only problems in moral ethics and state craft, but also the newest hat and latest fad.

Some one has said, "A man's work is from sun to sun—but a woman's work is never done."

There is much truth in this, yet I am persuaded that the poet knew nothing of the life of a druggist.

Our hours are too long—we work too late at night, and he will prove a benefactor, who can suggest a practical remedy.

The duties of this office have been pleasant at all times. The committees appointed have all been notified by personal letters and have faithfully performed their duties so far as I am imformed. During the year I have in my official capacity urged our members of Congress to support a bill which was introduced by Senator Gallinger, of New Hampshire, to increase the rank and pay of pharmacists in the navy.

At present the pharmacist in the navy has only a relative rank and the pay is not what it should be, considering the responsibilities of his position.

This bill was favorably reported, I believe, and is only a matter of a little time till it will be passed. I have also urged the passage of the Mann bill, now before Congress—amending the statutes relating to patents upon medicinal articles. This bill will prevent the granting of patents by the United States government to citizens of any foreign country which does not grant corresponding patents to Americans and prevent the patenting by anybody of medicinal substances—patents being confined to processes rather than the article manufactured—I cannot too strongly urge every pharmacist to use his influence in support of this bill.

The secretary has in his possession a set of resolutions endorsing the work of the N. A. R. D.

I do not consider it necessary to urge this Association to adopt these resolutions. We know the good work which the N. A. R. D. has accomplished in the past and believe the future will be higher still.

I wish to call the attention of this Association to what I believe to be the most serious problem which will confront us for years to come. I refer to what might properly be called the patent medicine evil—I believe the time has come when a law should be passed making it necessary for manufacturers of patent medicines to publish the formula, in plain English, so that even a layman could understand it and if it contains a poison to be labeled "Poison!"

The practice of pharmacy is regulated by law. Medicine is regulated by law. The practice of law is itself regulated by law. Every profession and industry that touches closely on the vital interests of mankind and that is subject to great abuse, should be regulated by law.

That this one, which is more dangerous than all the rest, manages somehow to escape all responsibility and to evade legal control is something which is not easily explained. There is surely more danger to the public in the wholesale prescribing to a multitude of people, whom one has never seen, than in prescribing to a single individual after a careful examination of patient and symptoms.

If it is unsafe to turn quacks loose on the public to prescribe for one sick man at a time, by what process of logic can we even conclude that it is safe to let that same quack prescribe to a multitude at a time; when he has not the slightest chance to see whether his remedy is what his judgment might tell him the patient needs. The druggist would certainly be gainer by compelling proprietors to publish their formulas. With the very ignorant part of the country the law would not change their habits. The better educated would discriminate and select in accordance with the published formulas. They would ask the advice of their druggists and in giving that advice the druggist would be in position to show them the superior merits of the preparations made in his own laboratory and thus widen his influence as a professional man.

At our last meeting the Board of Pharmacy was appointed a committee to prepare and present at this meeting such changes in the pharmacy laws as was deemed desirable. Their report will be presented at this meeting, and I commend this to your careful consideration, believing that the Board of Pharmacy is in position to know what changes are desirable.

Since our last meeting the "Grim Reaper" has entered our ranks and claimed one of our most faithful and best beloved members, Mr. N. D. Fetzer, of Concord, an ex-president of this Association, loyal to every trust, faithful in the discharge of his duty, he ever reflected credit on his profession and the community of which he was an honored member. Suitable obituary notices will be prepared and spread on the minutes of the Association.

In conclusion let me urge you and through you the druggists of the State to take a keener interest in this Association, and all that pertains to its welfare.

In general intelligence, high culture, personal integrity and moral force, this Association ranks with any in the State. How deeply then, do I appreciate the high honor you conferred on me in making me your president.

The President's address was referred to Messrs. J. M. Scott, W. C. Carmichael and H. T. Hicks.

The President then resumed the chair.

The Secretary announced that three members of the Executive Committee were absent, and the President appointed in their stead Messrs. T. C. Smith, G. R. Pilkington and C. R. Thomas.

The Executive Committee reported thirty-three applications for membership, and the Secretary was instructed to cast the affirmative vote for them, which was done, and they were declared elected.

The Executive Committee reported two deaths since the last convention, Mr. M. H. Aycocke, of Louisburg, and Mr. N. D. Fetzer, of Concord. A page in the proceedings was ordered as a memorial to each.

THE PRESIDENT. We will now have the report of the Treasurer.

TREASURER'S REPORT.

FAYETTEVILLE, N. C., July 14, 1904.

To the Members of the North Carolina Pharmaceutical Association:

GENTLEMEN:—I present the following itemized statement of my account for the past year:

1903.	RECEIPTS.	
	Cash on hand last report	$ 692 20
June 11.	Received from Initiation Fees	35 00
Sept 18.	Received from "Ad" in Proceedings	10 00
28.	Received from "Ad" in Proceedings	10 00
Oct. 31.	Received from "Ad" in Proceedings	10 00
1904.		
July	Received from Dues	203 00
8.	Received from Secretary, "Ads" in Proceedings	175 00
		$1,135 20

1903.		DISBURSEMENTS.		
June	5.	Exchange	$ 15	
	8.	Exchange	10	
	19.	P. W. Vaughan, Secretary, Salary	75 00	
	19.	P. W. Vaughan, Telegram	1 77	
	19.	P. W. Vaughan, Express	50	
	19.	P. W. Vaughan, Postage	14 50	
	23.	A. J. Cook, Treasurer, Salary	50 00	
Aug.	5.	Stamps	80	
	5.	Filling in Certificates	2 00	
Sept.	8.	N. A. R. D., 151 Members	37 75	
	19.	Seeman Printery	98 90	
Oct.	15.	P. W. Vaughan, N. A. R. D.	15 70	
Nov.	17.	Seeman Printery	2 00	
1904.				
May	30.	Draft Book	20	
June	4.	T. R. Hood, N. A. R. D.	13 80	
	7.	Exchange	30	
	8.	Exchange	1 40	
	8.	W. W. Horne, Chmn. P. and Q. Com.	6 05	
	10.	Exchange	1 40	
	11.	Exchange	40	
	13.	Exchange	40	
	14.	Exchange	25	
	15.	Exchange	30	
	16.	Exchange	20	
	21.	Exchange	10	
July	6.	Stamps (Treasurer)	3 70	
	7.	Seeman Printery	12 50	339 87
		Cash on hand		$ 795 33

Respectfully submitted,

A. J. Cook, *Treasurer.*

On motion, the report was received and referred to an Auditing Committee consisting of Messrs. E. W. O'Hanlon, W. F. Hall, Jr., and C. B. Miller.

The President. The Secretary will now make his report.

SECRETARY'S REPORT.

To the President and Members of the North Carolina Pharmaceutical Association:

Another year has rolled around and the North Carolina Pharmaceutical Association is passing its twenty-fifth mile post in its history. After adjournment last year the Secretary advertised for contracts for adver-

tisements in the proceedings, and enough were secured to swell the treasnry by $185.00, which is $30.00 in excess of last year's contracts.

The proceedings were printed without much further delay and copies were sent to each member, the advertisers, the secretaries of Associations and the Pharmaceutical press within seventy-five days after adjournment. The amount for advertisements have been collected and turned over to the treasurer, whose receipt for same is hereto attached.

Our membership roll numbers 151, a gain of nine over last year. The official announcement of this meeting was not sent out as early as usual this year owing to some delay in hearing from some of the committees, but a copy of same was mailed to every registered pharmacist in the State in time to make all necessary preparations to attend the meeting; this was done in obedience to a resolution passed by the Association in convention assembled last year.

The expenses of the Secretary's office for the past year have been as follows:

Postage	$16 80
Telegram	47
350 Copies of the Proceedings	98 90
500 Letter Heads	2 00
1000 Envelopes	2 50
750 Announcements	7 00
750 Circular Letters	3 50
Secretary's Salary	75 00
Total	$205 67

The proceedings of other state associations in exchange have been received by the Secretary, also several Pharmaceutical journals.

The proceedings were not as complete as they might have been by reason of the fact that the services of a stenographer could not be secured.

P. W. VAUGHAN, *Secretary.*

THE PRESIDENT. The Secretary's report is referred to the Auditing Committee.

Mr. Hancock, Secretary and Treasurer of the Board of Pharmacy, made his report as follows:

REPORT OF SECRETARY AND TREASURER OF THE BOARD OF PHARMACY.

OXFORD, N. C., June 1, 1904.

To His Excellency, Charles B. Aycock, Governor:

SIR:—I have the honor to submit to your Excellency and to the North Carolina Pharmaceutical Association the twenty-third annual report of the proceedings of the North Carolina Board of Pharmacy for the year ending May 31, 1904.

The fifty-ninth (59th) meeting of the Board for the examination of candidates to practice Pharmacy was held at the Atlantic Hotel, in Morehead City, on June 9 and 10, 1903. Present, Messrs. E. V. Zoeller, W. W. Horne, C. D. Bradham and F. W. Hancock.

Mr. C. D. Bradham, of New Bern, having been elected by the Association and commissioned by His Excellency as a member of the Board, presented his commission and entered upon the duties of the office.

The correspondence and other duties of the office of Secretary and Treasurer having increased so rapidly, the Board decided to increase the salary of said office to $300.00 per annum.

An application blank was adopted by the Board which requires the signature and oath of every candidate for examination. Said blank requires the candidate, before taking the examination, to have had three years' practical experience in a retail drug store, as provided by law.

Twenty-three (23) candidates appeared for examination at this meeting, of whom seventeen (17) were successful. These were: John L. Adams, Gastonia; Bisco S. Bass, Henderson; Claud H. Cates, Chapel Hill; Clarence Clapp, Newton; Charles B. Crowell, Lincolnton; Peter E. Davenport, Pactolas; Miss Elizabeth G. Gibson, Gibson; Loamie Gilbert, McKoy; Leonidas C. Griffin, Marshall; Frederick O. Hawley, Jr., Charlotte; Felix H. Kluttz, Albemarle; Permillas A. Lee, McKoy; George W. Montague, Bethel Hill; Gurley D. Moose, Mt. Pleasant; John S. Norman, Hickory; Henry H. Pittman, Lumberton; James B. Tugwell, Tugwell.

The sixtieth (60th) meeting of the Board was held at Greensboro, in the Benbow Hotel, October 13 and 14, 1903. Present, Messrs. E. V. Zoeller, C. D. Bradham, W. W. Horne and F. W. Hancock.

Gen. B. S. Royster, of Oxford, was elected Attorney for the Board.

The Board ordered the Secretary and Treasurer to make a charge of one dollar ($1.00) for duplicate certificate.

Twenty-three (23) candidates for examination appeared at this meeting. The following, ten (10) in number, passed successfully: Ben S. Barnes, Fayetteville; Polk C. Gray, Statesville; Karl L. Lawing, Lincolnton; Prince S. Leboo (colored), Wilmington; Clinton R. Mayer, Charlotte; John A. Rogers, Lillington; Thomas L. Streetman, Hendersonville; Matthias M. Sauls, Ayden; William M. Stewart, Matthews; Henry G. White, Reidsville.

The sixty-first (61st) meeting of the Board was held in the Senate Chamber, in the city of Raleigh, March 8 and 9, 1904. Present, Messrs. Zoeller, Horne, Bradham and Hancock.

Thirty-six (36) candidates were examined at this meeting. The following twenty-five (25) were successful: James H. Blake, Gastonia; James D. Brown, Goldsboro; Harry M. Cooke, Murfreesboro; Elbert E. Daskum, Southern Pines; Eli E. Detter, Bessemer City; Wm. E. Drake, Richmond, Va.; Henry A. Fisher (colored), Greensboro; Percy O. Hall, Wilmington; Manly D. Herndon, Durham; Johnnie T. Howell, Kenly; John E. Hudson, Glenwood; Henry E. Jones (colored), Greensboro; Chas. H. King, Durham; Norman W. Lynch, Bessemer City; Chas. E.

Moore, Jr., Wilson; Archie T. Nicholson, Tarboro; Joseph W. Pike, Brim; John M. Pinnix, Kernersville; Julian A. Pope, Lumberton; Luther B. Ring, Elkin; Chas. C. Seawell, Southern Pines; Henry B. Sedberry, Jr., Fayetteville; Wm. Bowen Spencer, Murfreesboro; John A. Sykes, Greensboro; Wm. R. Wilkins, King's Mountain.

Since my last report certificates of registration have been issued to the following physicians living in towns of less than five hundred inhabitants: Dr. Andy B. Goodman, Crescent; Dr. Clarence S. Maxwell, Snow Hill; Dr. Walter W. Dawson, Grifton; Dr. I. G. Riddick, Youngsville; Dr. G. W. Hays, Highlands; Dr. G. C. Edwards, Hookerton; Dr. W. D. Kellam, Belhaven; Dr. T. D. Tyson, Mebane; Dr. W. W. Washam, Cornelius; Dr. C. E. Reitzel, Youngsville; Dr. J. C. Braswell, Whitakers; Dr. J. H. Mitchell, Ahoskie; Dr. J. M. Judd, Fuquay Springs; Dr. C. C. Joyner, Farmville; Dr. L. V. Lee, Lattimore; Dr. George Oates, Grover; Dr. Oscar C. Daniels, Oriental; Dr. B. T. Cox, Winterville; Dr. W. J. Jones, Seven Springs; Dr. J. Allen, Star; Dr. J. E. Patrick, Snow Hill; Dr. M. C. Hunter, Stanly; Dr. J. B. Wright, Granite Falls.

Duplicate certificates have been issued to the following parties: Paul B. Kyser, Rocky Mount; Mrs. Paul B. Kyser, Rocky Mount; Eugene P. Purcell, Charlotte; Algernon B. Reese, Charlotte; John M. Scott, Charlotte; Wm. E. Gwaltney, Hickory; H. M. McDonald, LaGrange; William Cohen, Weldon; E. W. O'Hanlon, Winston; H. P. Watson, Winston; A. G. Bogue, Fremont; W. H. McNair, Tarboro; J. F. Sprague, Morganton; J. L. Wooten, Greenville; J. W. Bryan, Greenville; A. C. Yarbrough, Spring Hope; S. J. Welsh, Monroe; L. W. Hart, Norwood; Eugene McLarty, Waxhaw; J. S. Bryan, Warsaw.

Since my last report I have visited and personally inspected all drug stores in the following towns: Greensboro, Winston, Louisburg, Franklinton, Youngsville, Weldon, Halifax, Enfield, Rocky Mount, Hobgood, Robersonville, Tarboro, Raleigh, Goldsboro, Fremont, Clinton, LaGrange, Snow Hill, Hookerton, Clayton, Wake Forest, Warrenton, Littleton, Spray, Mayodan, Leaksville, Madison, Milton, Yanceyville, Salisbury, Spencer, Concord, Whitakers, Ahoskie, Windsor, Bethel, Scotland Neck, Greenville, Farmville, Mount Olive, Winterville, Kinston, High Point, Randleman, Asheboro, Biscoe, Troy, Star, Roanoke Rapids, Spring Hope, Williamston, Charlotte, Matthews, Monroe, Waxhaw, Gibsonville, Norwood, Albemarle, Mount Gilead and Washington.

In almost all of these places I have found irregularities and violations, nearly all of which have been corrected or adjusted. In many cases it has taken more than one visit and a good deal of patient care to accomplish this end, but this we thought better than taking coercive measures. In some cases we have had to threaten suits before we could get matters in proper shape, but we are glad to say that we have been able to manage without really going into any suits at all during the year. We fear, however, that we will not be able to give a like report at the end of another year. I am pleased to report that the territory I have visited and inspected is in a fairly good condition, but much of it requires con-

stant attention. There is a good deal of territory, in the eastern and western parts of the State, that is in bad condition and needs attention. I shall look after these sections during the next year. I should have been glad to have covered more territory the past year, but, as you know, traveling is expensive and our means are limited; and, but for the help I had from another source, I could not have done as much as I have. I must say that the largely increased correspondence and the work of personal inspection need my entire time, and I wish the means justified the Board in employing me for all of my time. We are the first and only Southern State, as you know, which has an Inspector of Pharmacy in the field and letters, asking the results of our work, are constantly being received. I sincerely hope that a still greater work may be done during the year we are now entering, in enforcing and upholding the law, that the public may have the fullest possible protection.

During the last twelve months fifty-two (52) candidates passed successful examinations and were registered, eleven (11) duplicate certificates of registration were issued, seventeen (17) physicians living in towns of less than five hundred inhabitants were registered without examination, seventy (70) were found doing business who had failed to keep up their registration and were required to become registered. The total number registered up to June 1, 1904, six hundred and ten (610).

I submit herewith the report of the receipts and disbursements for the current year, which are as follows:

F. W. Hancock, Secretary and Treasurer of the North Carolina Board of Pharmacy:

1903.		Dr.	
June	1.	To Balance on Hand	$ 778 63
1904.			
June	1.	To Cash from Renewals	823 00
	1.	" " " Candidates Examined	285 00
	1.	" " " Physicians Registered	34 00
	1.	" " " Duplicate Certificates Issued	11 00
		Total Receipts	$1,931 63
1903.		Cr.	
June	16.	Cash Paid E. V. Zoeller	$ 28 24
	16.	" " W. W. Horne	35 85
	16.	" " C. D. Bradham	19 50
	16.	" " F. W. Hancock	40 05
	16.	" " R. L. Hamilton	2 00
	20.	" " Edwards & Broughton	2 00
	25.	" " Southern Express Company	25
July	3.	" " So. Rubber Stamp Company	1 67
	8.	" " Alfred Williams & Co.	40
	10.	" " C. F. Clayton	3 75
	11.	" " Oxford Postoffice	2 00
	25.	" " Southern Express Company	25

Aug. 3.	"	"	Oxford Postoffice	$ 2 00
3.	"	"	Freight Account	28
12.	"	"	Edwards & Broughton	2 75
27.	"	"	Southern Express Company	30
27.	"	"	Oxford Postoffice	3 00
27.	"	"	Southern Express Company	25
27.	"	"	Oxford Postoffice	12 00
21.	"	"	Bank of Granville	75
21.	"	"	Southern Express Company	30
25.	"	"	Southern Express Company	30
29.	"	"	Southern Express Company	40
30.	"	"	Oxford Postoffice	3 00
Oct. 12.	"	"	J. J. Stone & Co.	1 25
19.	"	"	Miss Janie Lacy	1 20
19.	"	"	Oxford Public Ledger	1 75
21.	"	"	F. W. Hancock	18 35
21.	"	"	Edwards & Broughton	11 25
21.	"	"	W. W. Horne	30 85
21.	"	"	C. D. Bradham	34 88
21.	"	"	E. V. Zoeller	41 22
21.	"	"	C. F. Clayton	6 00
Nov. 5.	"	"	Oxford Postoffice	6 00
11.	"	"	Oxford Telegraph Company	1 35
15.	"	"	Southern Express Company	30
17.	"	"	Oxford Postoffice	2 00
18.	"	"	Edwards & Broughton	3 50
27.	"	"	Miss Janie Lacy	1 25
27.	"	"	Oxford Postoffice	2 00
Dec. 26.	"	"	Oxford Postoffice	2 00
26.	"	"	Southern Express Company	40
1904.				
Jan. 6.	"	"	Southern Express Company	75
Feb. 6.	"	"	Seaman Printery	2 00
15.	"	"	Oxford Postoffice	15 00
29.	"	"	Oxford Telegraph Company	2 55
29.	"	"	Southern Express Company	60
Mar. 5.	"	"	J. T. Britt	1 50
9.	"	"	E. M. Ferrell	5 00
12.	"	"	R. S. McRae	3 60
14.	"	"	Miss Janie Lacy	2 67
14.	"	"	Oxford Postoffice	3 00
16.	"	"	Southern Express Company	30
21.	"	"	Southern Express Company	25
21.	"	"	Southern Express Company	65
22.	"	"	H. J. Walker	2 00
31.	"	"	E. V. Zoeller	25 03
31.	"	"	W. W. Horne	29 60

Mar 31.	"	"	F. W. Hancock	$ 14 85
31.	"	"	C. D. Bradham	29 46
31.	"	"	R. L. Hamilton	2 12
Apr. 1.	"	"	Oxford Postoffice	2 00
9.	"	"	Edwards & Broughton	9 00
9.	"	"	Southern Express Company	30
9.	"	"	Oxford Postoffice	40
11.	"	"	Oxford Postoffice	2 00
11.	"	"	C. F. Clayton	3 50
19.	"	"	Oxford Postoffice	3 00
May 5.	"	"	Southern Express Company	30
23.	"	"	Seaboard A. L. R. R.	71
30.	"	"	Oxford Postoffice	4 00
31.	"	"	Southern Express Company	30
31.	"	"	E. M. Uzzell	16 00
31.	"	"	Staton & Zoeller	5 80
31.	"	"	News and Observer	1 10
31.	"	"	Oxford Postoffice	3 00
31.	"	"	Traveling Exp. of Inspector, July, 1903	54 55
31.	"	"	" " " Aug., "	35 25
31.	"	"	" " " Sept., "	11 65
31.	"	"	" " " Oct., "	33 75
31.	"	"	" " " Nov., "	33 75
31.	"	"	" " " Dec., "	7 20
31.	"	"	" " " Jan., 1904	38 25
31.	"	"	" " " Mar., "	45 50
31.	"	"	" " " April, "	70 40
31.	"	"	" " " May, "	73 30
31.	"	"	Salary while Traveling as Inspector	425 00
31.	"	"	Salary as Secretary and Treasurer	300 00
June 1.	By Balance on Hand			283 85
				$1,931 63

Respectfully submitted,

F. W. Hancock, *Sec. and Treas.*

Referred to Auditing Committee.

Mr. Hancock mentioned the fact that several years ago the Board of Pharmacy lent to the Association three hundred dollars, and that the Board needed money now for the prosecution of its work, and would be glad for the Association to return this loan.

On motion, the Treasurer was authorized to comply with the request.

Mr. Hancock made a supplemental verbal report and gave the members some valuable information in regard to the work that he is doing under the direction of the Board of Pharmacy. He had inspected several stores throughout the State and had seen some violations of the Pharmacy law and corrected a great many of them. He reported inspecting several towns.

The Secretary suggested that there were several members of the traveling fraternity present, and the President accorded them the privileges of the floor.

Mr. Jack Prior gracefully acknowledged the courtesy for the craft. Mr. E. H. Lee also spoke encouragingly.

Invitations from the local druggists for a carriage drive over the famous Biltmore estate of Mr. George Vanderbilt, a trolley drive to Riverside Park, a trolley drive over the city and suburban lines, and a visit to the ostrich farm were extended and heartily accepted.

On motion, the Association adjourned till 11:00 tomorrow morning.

SECOND SESSION.

JULY 15, 1904.

The meeting was called to order at 11:55 a. m., by the President.

The minutes of the previous session were read and approved, subject to such correction as the Secretary may hereafter make.

The President then announced that the next thing in order was the reading of communications.

The Secretary read the following telegrams:

NEW YORK, July 14, 1904.

P. W. Vaughan, Secretary N. C. Pharmaceutical Association, Asheville, N. C.:

Greetings and best wishes for a pleasant and profitable meeting.

THE DRUGGIST CIRCULAR.

WILMINGTON, N. C., July 14, 1904.

P. W. Vaughan, Secretary N. C. Pharmaceutical Association.:

Sorry can't be with you. Hope my paper came in time for meeting.

WM. NIESTLIE.

Letters were also read from Messrs. F. S. Duffy, H. N. McDonald, Augustus Bradley, F. L. Carpenter and R. L. Davis, expressing their regrets in being unable to attend and wishing the members a pleasant session.

The credentials of Messrs. John M. Scott, W. H. King and A. L. Crutchfield, representing the National Wholesale Druggists Association, were presented and read by the Secretary, and the President accorded the privileges of the floor to the above named delegates.

A communication from Mr. Lewis C. Hopp, President of the American Pharmaceutical Association, was read, in which he spoke of the approaching meeting of that body and urging the North Carolina Association to send delegates to that Convention to see what has been done, is being done and will be done for Pharmacy in this country.

Motion by Mr. Bradham, and seconded, that the communication be filed. Carried.

The Secretary then read a communication from the North Carolina Retail Merchants Association to President W. A. Leslie, together with enclosed resolutions, urging their adoption by this body.

The President then asked the pleasure of the Association with regard to the resolutions just read.

Mr. Hancock moved that the resolutions be referred to a committee, and this motion was carried.

The President referred the communication to the Committee on "Trade Interests," consisting of W. H. King, W. F. Hall and W. H. McNair. In the absence of Messrs. King and McNair, of the above committee, the President appointed Messrs. J. E. Shell and C. D. Bradham in their places.

Motion was made by Mr. Hood, and seconded, that a telegram of sympathy be sent to Mr. Wm. Simpson, regretting that he is detained at home on account of illness.

The motion was unanimously carried and the Secretary was instructed to carry out the intent of the motion.

The President then asked for the report of the Committee on the President's address.

The Committee asked for further time in which to make their report.

The Executive Committee made a further report and presented several other applications for membership, and, on motion, the Secretary was instructed to cast the vote of the Association for the applicants, and the Secretary did so accordingly.

Mr. Horne, Chairman of the Committee on Papers and Queries, submitted the following report:

REPORT OF COMMITTEE ON PAPERS AND QUERIES.

ASHEVILLE, N. C., July 14, 1904.

The undersigned Committee submits the following Queries for the consideration of members, and trusts that all in position to do so will answer one or more. It is necessary, however, that contributions be confined to the subjects herein mentioned, as papers will gladly be received upon any subject connected with the science and art of Pharmacy. Papers relating to new devices, methods and processes of practical interest, are especially solicted.

The chief object of the Association is "to unite the reputable pharmacists of the State for mutual assistance, encouragement and improvement." Every experienced pharmacist has something to contribute for this purpose; many members have made observations that, while apparently simple, may be of real value and interest to others.

It is hoped that everyone, who has the opportunity, will present a paper.

W. W. HORNE,
E. V. HOWELL,
J. P. WOODALL.

1. It has been suggested that Congress enact legislation requiring the manufacturers of patent medicines to print the formulas of their products upon the package. Would such a change be desirable and practicable?
2. What percentage of prescriptions on your file for the year 1903 contained proprietary medicines?
3. What is the value of the various concentrated nitrous ethers as supplied by the manufacturers?
4. To what extent, if any, are pharmacists justified in allowing manufacturers to advertise over their names, patent or proprietary preparations, the compositions of which are kept secret?
5. Suggestions for increasing the membership and influence of the North Carolina Pharmaceutical Association.
6. Write a paper on Store Window Advertising.
7. Can granular effervescent Salts be profitably manufactured by the pharmacist?
8. Suggest an improvement in the process for making Camphor Liniment.
9. Five or more reasons why every pharmacist in the State should be a member of the North Carolina Pharmaceutical Association.

Several papers were read in response to the invitation of the Committee on Papers and Queries, which will be found in the appendix.

Extracts from the following papers were presented to the Association:

"The Wholesale Destruction of Our Medicinal Plants," by C. H. Smith.

"The Use of the Coloring Matter of the Muscadine Grape as an Indicator," by E. V. Howell.

"The Amount of Caffeine in the Yaupon Plant of Our Coast," by J. T. Howell.

"Notes on the Effect of Electricity on Milk," by E. V. Howell.

Remarks on the percentage of alcohol in various patent medicines, brought on a general discussion in which many took part.

The President then called for the report of the Committee on Trade Interests.

Mr. Hall, the Chairman, made the report and requested that action on the resolutions from the Retail Merchants Association be deferred till the next annual meeting of this Association. This suggestion was then put in the form of a motion, seconded and carried.

Mr. Hancock requested that all clerks desiring positions in the State correspond with him in regard to same, as he frequently has inquiries for registered men, and he would be glad to assist them without charge and would be glad to help them all he could. He also requested that mistakes made by boys and incompetent men be reported to him for investigation. He mentioned several instances where errors had been made by unregistered clerks left in charge of stores. He said that the people needed the protection and ought to have that protection which they are entitled to under the law.

Mr. Hancock then asked that the time and place of the next meeting be taken up as the next question.

Mr. Thomas suggested that the Association meet in the East next year and suggested Morehead City.

Mr. Bradham stated that he had been requested by the management to invite the Association to hold its next annual convention at the Atlantic Hotel, Morehead City.

Raleigh was suggested by Mr. Hicks.

Mr. O'Hanlon spoke in favor of holding the next session at Morehead, and others followed him favoring that point. On taking a vote Morehead City was selected and June 22 and 23, 1905, the time.

The question of a joint session with the Virginia Pharmaceutical Association was brought up and a general discussion followed. All favored the idea. The consensus of opinion was that the two Associations could meet at some point easily accessible to both States and a Committee, consisting of Messrs. C. B. Miller, E. V. Howell and W. W. Horne was appointed to confer with the Virginia Association relative to the joint session above referred to, and to report at the next annual convention.

The Association, at 1:50 p. m., adjourned to reconvene at 3:00 p. m.

THIRD SESSION.

JULY 15, 1904.

At 3:40 p. m. the Association reconvened and the following business was transacted:

The minutes of the previous session were dispensed with.

The President called for the report of the Committee on the President's Address.

The report follows:

REPORT OF COMMITTEE ON PRESIDENT'S ADDRESS.

Your Committee beg to report that we heartily endorse and recommend the careful attention of this Association to the following portions of the President's address:

1. The hours of closing our stores at night should be made earlier.
2. That the foreign patent laws should be amended as suggested.
3. That the Association should assist the N. A. R. D., to the extent of its ability.
4. That each member should exert himself to increase the membership and professional integrity of the body.

Respectfully submitted,

J. M. SCOTT,
W. C. CARMICHAEL,
H. T. HICKS.

The report was received and ordered to be published in the proceedings.

The President then called for the report of the Auditing Committee, which is submitted below:

REPORT OF AUDITING COMMITTEE.

To the North Carolina Pharmaceutical Association:

We, the Committee appointed by the president of the Association to examine the accounts and books of the Secretary, the Treasurer of the Association and the Secretary and Treasurer of the Board of Pharmacy, hereby certify that the same are correct.

E. W. O'HANLON,
W. F. HALL,
C. B. MILLER.

The Auditing Committee made the following recommendations, which were approved by the Association:

RECOMMENDATIONS BY AUDITING COMMITTEE.

We, the Auditing Committee, hereby instruct the treasurer, A. J. Cook, to pay the secretary of the Board of Pharmacy, the sum of three hundred dollars ($300.00), this being the amount borrowed from them sometime ago, same to be used in furtherance of the work of the Board of Pharmacy. And we further recommend, that the sum of five hundred dollars (500.00) be placed at the disposition of the Board of Pharmacy to be used, if necessary, in advancing the interest of the Association and suppressing irregularities.

This recommendation is made after an investigation of the finances of the Association, and finding same to be in a healthy condition.

This sum if expended fully, will not only, not deplete the treasury, but will leave a handsome sum still on hand.

Respectfully submitted,

E. W. O'Hanlon,
W. F. Hall,
Chas. B. Miller.

The Secretary announced that the Executive Committee was requested at the last convention to draft a circular letter inviting every registered pharmacist to attend this meeting and become a member of the Association, and that a copy be sent to every registered pharmacist in the State. He further stated, in the absence of the Chairman of the Committee, that the letter was such as requested, and as a result the membership had been very largely increased and the letter had accomplished its purpose.

By reason of the above fact, Mr. Prior made a motion that the Executive Committee be appointed a standing Committee to prepare and send out this circular letter, and that a blank application be enclosed with each letter.

Motion adopted.

Mr. Hancock endorsed the above suggestion and stated that while he did not desire to detract in the least from the credit due to the gentlemen who had prepared and sent out the circular letter, but he nevertheless wished to say that the Traveling Secretary had made it a practice during his travels over the State to put in a good word for the Association whenever it was possible, and had

urged upon the druggists the wisdom of joining the Association. He thought that some credit for the increased membership was due to these efforts.

Mr. Prior suggested that the local druggists be notified to be present at 5 o'clock this afternoon in order to hear Mr. Dubel discuss the N. A. R. D. question.

The President requested Messrs. Prior and Miller to act as a Committee to notify the druggists.

Mr. Miller then moved that the thanks of the Association be tendered to the local druggists for the very delightful series of entertainments that have been given the members of the Association, and to the management of the Battery Park Hotel for its excellent service and courteous attention to the wants of the members of the Association.

Mr. Horne then submitted the report of the Committee on Legislation. At the request of the last convention this Committee was requested to draft a new Pharmacy law, to be submitted to the Association for consideration. The proposed law is submitted below.

CONCERNING THE SALE OF DRUGS BY UNLICENSED PERSONS.

SECTION 1. It shall be unlawful for any person not licensed as a pharmacist within the meaning of this act to conduct or manage any pharmacy, drug or chemical store, apothecary shop, or other place of business for the retailing, compounding or dispensing of any drugs, chemicals or poisons, or for the compounding of physicians' prescriptions, or to keep exposed for sale at retail, any drugs, chemicals or poisons, except as hereinafter provided, or for any person not licensed as a pharmacist within the meaning of this act, to compound, dispense, or sell at retail any drug, chemical, poison or pharmaceutical preparation upon the prescription of a physician, or otherwise, or to compound physicians' prescriptions, except as an aid to and under the immediate supervision of a person licensed as a pharmacist under this act. And it shall be unlawful for any owner or manager of a pharmacy, or drug store, or other place of business, to cause or permit any other than a person licensed as a pharmacist, to compound, dispense or sell, at retail, any drug, medicine or poison, except as an aid to and under the immediate supervision of a person licensed as a pharmacist.

Provided, however, that nothing in this section shall be construed to interfere with any legally registered practitioner of medicine in the compounding of his own prescriptions, nor with the exclusively wholesale business of any dealer who shall be licensed as a pharmacist or who shall keep in his employ at least one person who is licensed as a pharmacist, nor with the selling at retail of non-poisonous domestic remedies, nor with the sale of patent or proprietary preparations which do not contain poisonous ingredients, nor with the sale of poisonous substances which are sold exclusively for use in the arts, or for use as insecticides, when such substances are sold in unbroken packages bearing a label having plainly printed upon it the name of the contents, the word Poison, the vignette of the skull and cross bones, and the names of at least two readily obtainable antidotes.

Provided, further, that in any village of not more than five hundred inhabitants, the Board of Pharmacy may grant to any legally registered practicing physician a permit to conduct a drug store or pharmacy in such village, which permit shall not be valid in any other village than the one for which it was granted, and shall cease and determine when the population of the village for which such permit was granted shall become greater than five hundred.

CONCERNING EXAMINATIONS AND REGISTRATION.

SEC. 2. Every person now licensed or registered as a pharmacist under the laws of this State shall be entitled to continue in the practice of his profession until the expiration of the term for which his certificate of registration or license was issued. Every person who shall hereafter desire to be licensed as a pharmacist, shall file with the Secretary of the Board of Pharmacy, an application, duly verified under oath, setting forth the name and age of the applicant, the place or places at which, and the time spent in the study of the science and art of pharmacy, the experience in the compounding of physicians' prescriptions which the applicant has had under the direction of a legally licensed pharmacist, and shall appear at a time and place designated by the Board of Pharmacy and submit to an examination as to his qualifications for registration as a licensed pharmacist.

SEC. 3. In order to be licensed as a pharmacist within the meaning of this act, an applicant shall be not less than eighteen years of age, and he shall present to the Board satisfactory evidence that he has had three years experience in pharmacy under the instructions of a licensed pharmacist, and he shall also pass a satisfactory examination before the Board of Pharmacy.

Provided, however, that in the case of persons who have attended a reputable school or college of pharmacy, the acutal time of attendance at such school or college of pharmacy may be deducted from the time of experience required, but in no case shall less than two years experience be required for registration as a licensed pharmacist.

SEC. 4. If the applicant for license as a pharmacist has complied with

all the requirements of the two preceding sections, the Board of Pharmacy shall enroll his name upon the register of pharmacists, and issue to him a license which shall entitle him to practice as pharmacist, up to the 1st day of September next ensuing, as provided in this act for the annual renewal of every registration.

SEC. 5. The Board of Pharmacy may issue license to practice as pharmacists in this State without examination, to such persons as have been legally registered or licensed as pharmacists by other Boards of Pharmacy, provided, that the applicant for such license shall present satisfactory evidence of the same qualifications as are required from licentiates in this State, and that he was registered or licensed by examination by such other Board of Pharmacy, and that the standard of competence required by such Board is not lower than that required in this State.

Applicants for license under this section shall with their application forward to the Secretary of the Board of Pharmacy the same fees as are required of other candidates for license.

SEC. 6. The Board of Pharmacy may refuse to grant a license to any person guilty of felony or gross immorality, or who is addicted to the use of alcoholic liquors or narcotic drugs to such an extent as to render him unfit to practice pharmacy; and the Board of Pharmacy may, after due notice and hearing, revoke a license for like cause, or any license which has been procured by fraud.

SEC. 7. Every certificate of license to practice as pharmacist, and every permit to a practicing physician to conduct a drug store in a village of not more than five hundred inhabitants, and every last renewal of such license or permit, shall be conspicuously exposed in the pharmacy or drug store or place of business of which the pharmacist or other person to whom it is issued is the owner or manager, or in which he is employed.

Every licensed pharmacist who desires to continue in the practice of his profession, and every physician holding a permit to sell drugs in a village of not more than five hundred inhabitats, shall within thirty days next preceding the expiration of his license or permit, file with the Secretary and Treasurer of the Board an application for the renewal thereof, which application shall be accompanied by the fee hereinafter prescribed.

If the Board shall find that the applicant has been legally licensed in this State, and is entitled to a renewal thereof, or to a renewal of such permit, it shall issue to him a certificate atttesting that fact. If any pharmacist shall fail, for a period of sixty days after the expiration of his license, to make application to the Board for its renewal, his name shall be erased from the register of licensed pharmacists, and such person in order to again become registered as a licensed pharmacist, shall be required to pay same fee as in the case of original registration. And if any holder of a permit to sell drugs in a village of not more than five hundred inhabitants shall fail for a period of sixty days after the expiration of his permit to make application for the renewal thereof, his name

shall be erased from the register of persons holding such permits, and may be restored thereto only upon the payment of the fee required for the granting of original permits. The registration of every license and every permit issued by the Board shall expire on the 31st day of August next ensuing the granting thereof.

CONCERNING THE BOARD OF PHARMACY.

SEC. 8. The Board of Pharmacy shall consist of five persons licensed as pharmacists within this State who shall be elected and commissioned by the governor as hereinafter provided.

The members of the present Board of Pharmacy shall continue in office until the expiration of their respective terms, and the rules, regulations and by-laws of said Board so far as they are not inconsistent with the provisions of this act, shall continue in effect.

The North Carolina Pharmaceutical Association shall annually elect a resident pharmacist from its members to fill the vacancy annually occurring in said Board. The pharmacist so elected shall be commissioned by the governor, and shall hold office for the term of five years, and until his successor has been duly elected and qualified. In case of death, resignation or removal from the State of any member of said Board of Pharmacy, the said Board shall elect in his place a pharmacist who is a member of said North Carolina Phamaceutical Association, who shall be commissioned by the governor to serve as a member of the Board for the remainder of the term.

It shall be the duty of a member of the Board after receipt of notification of his appointment to appear before the Clerk of the Superior Court of the county in which he resides, and make oath and subscribe to an oath properly and faithfully to discharge the duties of his office.

9. The Board of Pharmacy shall organize by the election of a President and Secretary and Treasurer, both of whom shall be members of the Board, who shall hold their offices until their successors shall have been elected and qualified.

The Secretary and Treasurer shall give bond in such sum as may be prescribed by the Board, conditioned for the discharge of the duties of his office according to law. Said bond shall be made (payable) to the North Carolina Board of Pharmacy, and approved by the President of said Board.

The Board shall hold an annual meeting at such time and place as it may provide by rule, for the examination of candidates, and for the discharge of such other business as may legally come before it, and such additional meetings as may be necessary.

SEC. 10. The Board of Pharmacy shall have a common seal and shall have power to adopt such rules and by-laws, not inconsistent with law, as may be necessary for the regulation of its proceedings; and for the discharge of the duties imposed under this statute, and shall have power to employ an attorney to conduct prosecutions or to assist in the conduct of prosecutions under this act.

The Board shall keep a record of its proceedings and a register of all persons to whom certificates of license as pharmacists and permits have been issued, and of all renewals thereof; and the books and register of the Board, or a copy of any part thereof certified by the Secretary, attested by the seal of the Board, shall be accepted as competent evidence in all the courts of this State.

The Board of Pharmacy shall make annually to the Governor and to the North Carolina Pharmaceutical Association, a written report of its proceedings and of its receipts and disbursements under this act, and of all persons licensed to pratice as pharmacists in this State. A majority of the Board shall constitute a quorum for the transaction of business.

The Secretary shall receive such salary as may be prescribed by the Board of Pharmacy, and his necessary expenses while engaged in the performance of his officials duties. The other members shall receive the sum of five ($5.00) dollars for each day actually employed in the discharge of their official duties, and their necessary expenses while engaged therein.

The compensation and expenses of the Secretary and members of the Board of Pharmacy, and all disbursements for expenses incurred by the Board in carrying into execution the provisions of this act shall be paid from the fees received by the Board.

SEC. 11. Upon the information that any provision of this law has been or is being violated, the Secretary of the Board of Pharmacy shall investigate the matter, and upon probable cause appearing, shall file a complaint and prosecute the effender thereof.

All fines and penalties prescribed in this act shall be recoverable by suit, in the name of the people of the State.

SEC. 12. The Board of Pharmacy shall be entitled to charge and collect the following fees:

For the examination of an applicant for license as a pharmacist....$5 00
For renewing the license as a pharmacist..... 2 00
For issuing a permit to a physician to conduct a drug store in a village of not more than five hundred inhabitants..... 3 00
For the renewal thereof..... 2 00

All fees shall be paid before any applicant may be admitted to examination or his name placed upon the register of pharmacists or before any license or permit, or any renewal thereof, may be issued by the Board.

CONCERNING THE SALE AND REGISTRATION OF POISONS.

SEC. 13. It shall be unlawful for any person to sell or deliver to any person, any of the following described substances, or any poisonous compound, combination or preparation thereof to-wit: The compounds and salts of arsenic, antimony, lead, mercury, silver and zinc, oxalic and hydrocyanic acids and their salts, the concentrated mineral acids, carbolic acid, the essential oils of almonds, pennyroyal, tansy and savine, croton oil, creosote, chloroform, chloral hydrate, cantharides, or any aconite, belladonna, bitter almonds, colchicum, cotton root, conium,

cannabis indica, digitalis, hyoscyamus, nux vomica, opium, ergot, stramonium, or any of the poisonous alkaloids or alkaloidal salts or other poisonous principles derived from the foregoing, or cocaine or any other poisonous alkaloids or their salts or any other virulent poison, except in the manner following:

It shall first be learned by due inquiry that the person to whom delivery is made is aware of the poisonous character of the substance, and that it is desired for a lawful purpose, and the box, bottle, or other package shall be plainly labeled with the name of the substance, the word "Poison" and the name of the person or firm dispensing the substance. And before a delivery is made of any of the following substances; to-wit: the compounds and salts of arsenic, antimony and mercury, hydrocyanic acid and its salts; strychnine and its salts and the essential oil of bitter almonds, there shall be recorded in a book kept for the purpose, the name of the article, the quantity delivered, the purpose for which it is required as represented by the purchaser, the date of delivery, the name and address of the purchaser, and the name of the dispenser, which book shall be preserved for at least five years, and shall at all times be open to the inspection of the proper officers of the law.

Provided, however, that the foregoing provision shall not apply to articles dispensed upon the order of persons believed by the dispenser to be lawfully authorized practitioners of medicine or dentistry, and provided also, that the record of sale and delivery above mentioned, shall not be required of manufacturers and wholesalers who shall sell any of the foregoing substances at wholesale, but the box, bottle or other package containing such substances when sold at wholesale, shall be properly labeled with the name of the substance, the word "Poision," and the name and address of the manufacturer or wholesaler.

And it is further provided, that it shall not be necessary to place a poison label upon or to record the delivery of the sulfid of antimony, or the oxid or carbonate of zinc or lead, or of colors ground in oil and intended for use as paints, or paris green when dispensed in the original package of the manufacturer or wholesaler, or calomel, paregoric, or other preparations of opium containing less than two grains of opium to the fluid ounce, nor in the case of preparations containing any of the substances named in this section, when a single box, bottle, or other package, or when the bulk of two fluid ounces, or the weight of two avoirdupois ounces does not contain more than an adult medicinal dose of such poisonous substance.

GENERAL PROVISIONS.

SEC. 14. Every proprietor or manager of a drug store or pharmacy shall keep in his place of business a suitable book on file in which shall be preserved for a period of not less than five years the original of every prescription compounded or dispensed at such store or pharmacy. Upon request the proprietor or manager of such store, shall furnish to the prescribing physician, or to the person for whom such prescriptions was

compounded, or dispensed, a true and correct copy thereof, and said book or file or original prescriptions shall at all times be open to the inspection of duly authorized officers of the law.

SEC. 15. It shall be unlawful for any person not legally licensed as a pharmacist to take, use or exhibit the title of pharmacist or licensed or registered pharmacist, or the title druggist, or apothecary, or any other title or description of like import.

SEC. 16. Any person, not being licensed as a pharmacist, who shall conduct or manage any drug store, pharmacy or other place of business for the compounding, dispensing or sale at retail of any drugs, medicines or poisons, or for the compounding of physicians' prescriptions contrary to the provisions of Section 1, of this act, shall be deemed guilty of a misdemeanor and on conviction thereof, shall be fined not less than $25.00 nor more than $100.00, and each week such drug store, or pharmacy, or other place of business is so unlawfully conducted, shall be held to constitute a separate and distinct offence.

Any person not being licensed as a pharmacist who shall compound, dispense or sell at retail any drug, medicine, poison or pharmaceutical preparation, either upon a physicians' prescription or otherwise, and any person being the owner or manager of a drug store, pharmacy or other place of business, shall cause or permit any one not licensed as a pharmacist to dispense, sell at retail, or compound any drug, medicine, poison or physicians' prescription contrary to the provisions of Section 1, of this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than $10.00 nor more than $100.00.

Any license, or permit or renewal thereof obtained through fraud or false representation shall be void and no effect in law. Any person who shall make any fraudulent or false representation for the purpose of procuring a license or permit or renewal thereof, either for himself or for another, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than $25.00 nor more than $100.00, and any person who shall wilfully make a false affidavit for the purpose of procuring a license, or permit, or renewal thereof, either for himself or for another, shall be deemed guilty of perjury, and upon conviction thereof, shall be subject to like punishment as in other cases of perjury.

Any person being the holder of a license or permit granted under this act who shall fail to expose such license or permit or renewal thereof in a conspicuous position in the place of business to which such permit or license relates, or in which the holder thereof is employed, contrary to the provisions of Section 7, of this act, shall, upon conviction thereof, be fined not less than $5.00 nor more than $25.00, and each week that such license, permit or renewal thereof shall not be exposed, shall be held to constitute a separate and distinct offense.

And any person being the holder of a license or permit granted under this act who shall after the expiration of such license or permit, and without renewing the same, continue to carry on the business for which such license or permit was granted, contrary to the provisions of Section

7, of this act, shall, upon conviction thereof, be fined not less than $5.00 nor more than $25.00.

Any person who shall sell or deliver to any person any poisonous substance specified in Section 13, of this act, without labelling the same and recording the delivery thereof in the manner prescribed in Section 13, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than $10.00, nor more than $100.00.

Any person, not being legally licensed as a pharmacist, who shall take, use or exhibit the title of pharmacist, licensed or registered pharmacist, druggist, apothecary or any title of similar import, contrary to the provisions of Section 15, of this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than $10.00 nor more than $50.00.

SEC. 17. This act shall be in force from and after its passage, and all acts, or parts of acts, in conflict with this act, shall be and the same are hereby repealed.

Mr. Scott moved that the report be adopted as a whole and that the Committee then turn it over to the attorney for drafting and putting in proper and legal form.

It was suggested that the law be so framed as to admit of certificates being issued to assistant pharmacists. There was some opposition on the ground that it had not proven satisfactory in other States where the experiment had been made.

It was moved again and seconded, that the report be referred to the attorney of the Association for drafting and putting in proper legal form for submission to the next Legislature, provided the Board of Pharmacy considered it wise to do so.

This motion was carried.

Mr. Howell announced that the State Bar Association, at its last meeting, wanted to raise the caliber of the jury by requiring druggists and physicians to serve on the jury and that it would be wise for the Association to prevent this if possible.

The Secretary moved that the Board of Pharmacy be made a Committee to have the enactment of the law in charge.

Motion seconded and carried.

Mr. Hancock moved that the Association go into the election of officers for the ensuing year.

The President ordered the election, which resulted as follows:

President—G. K. Grantham.
First Vice-President—T. R. Hood.
Second Vice-President—C. B. Miller.
Third Vice-President—C. R. Thomas.
Secretary—P. W. Vaughan.
Treasurer—A. J. Cook.

Executive Committee—E. V. O'Hanlon, G. R. Wootten, H. A. Pfafflin, J. M. Scott, P. W. Vaughan, *ex officio.*

Member of the Board of Pharmacy—W. W. Horne.

Local Secretary—F. S. Duffy.

THE PRESIDENT. We will now listen to the report of the delegate to the N. A. R. D.

Mr. Hood read the report as follows:

REPORT FROM DELEGATES TO N. A. R. D.

To the Officers and Members of the North Carolina Pharmaceutical Association:

It was our great pleasure to attend the fifth annual meeting of the National Association of Retail Druggists which covened in the city of Washington, October 5th to 8th, last.

The 1903 convention of the N. A. R. D. was a record-breaking success. The attendance was the largest on record, the registration being an even 450.

The representation was widely scattered, there being present delegates from such distant states as Maine, Florida, Louisiana and California. The proprietary interests sent representatives and the jobbing trade also had spokesmen on the floor and in the committee who were thoroughly representative of the National Wholesale Druggists Association. The A. Ph. A. was also represented.

The convention was made up of a class of men that would honor any professional or business calling. The opening session of the convention Monday night, October 5th, was a brilliant affair, calling forth eloquent expressions of fraternal good will and mutual appreciation on the part of representatives of the public, the retailer, the wholesaler and the proprietor.

Every session was intensely interesting and was participated in by the most enthusiastic workers it has ever been our pleasure to meet with.

The N. A. R. D. is growing. The membership increased twenty per cent during the year, while the prestige of the Association with the manufacturing and wholesale branches of the trade has been measurably advanced.

The address of the spokesman for the Proprietary Association contained the most positive assurance that the proprietors were with the retailers in their fight to remedy existing evil conditions arising from cut rate prices. Further evidence of their desire is shown by the following extract from their statement to the Association:

"Knowing that aggressive cutters are the enemies of the drug trade, and believing that no manufacturer or jobber who is a friend of the retail druggists should encourage these enemies by furnishing them either aid, comfort or supplies, we individually propose to use our utmost endeavors to secure such added efficiency to the tripartite plan as will bring about greatly improved conditions. To effect this improvement we individually propose to act promptly and faithfully in using our utmost power to prevent the sale of our preparations by cutters."

There is cause for encouragement in this statement, and it is hoped that other proprietors will soon join the Miles Medicine Company in adopting the direct contract and serial numbering plan which has worked admirably in supplementing and making effective the original tripartite plan. Among the many questions of vital importance discussed were Alcohol Tax reduction and Patent Law revision. Upon the former they passed strong resolutions urgently favoring a reduction in the tax on alcohol to 70 cents a proof gallon. Upon the latter the following:

Resolved, That we reaffirm our demand that the patent and trademark laws of the United States be revised in the interest of equity and justice and that our Committee on National Legislation is instructed to prepare and present at the next session of Congress a bill amending our patent laws; the aim of this bill should be (a) that no patent be granted on any drug, medicine or medicinal chemical; (b) that no patent on the product be granted, only on the process.

Resolved, That the form of a bill amending the patent and trademark laws submitted by the Committee on Trademarks and Patents is recommended to the Committee on National Legislation as the basis for such law.

At the close of the last session the attention of the delegates was called in a stirring speech by Executive Committeeman, Thomas Vogeli, to the pressing need of more funds. He contributed for his Association $200. A scene of the greatest enthusiasm ensued, and pledges of money came thick and fast from all parts of the hall until more than $13,000 were subscribed.

Your representatives pledged $25 from our Association. Our Association was represented on the Committees as follows: Mr. P. W. Vaughan

on Nominations, and he was also made chairman of the Committee on Commercial and Fraternal relations. Mr. Hood on Committee on Resolutions.

The Association enters upon its sixth year of existence with the fairest prospects of success, and it certainly occupies a much stonger position than it has ever occupied in its history. The delegates and visitors were the guests of the druggists of Washington, on Wednesday, October 7th, for an excursion to Mount Vernon, the home and last resting place of George Washington.

The trip was a delighful one, our Washington friends having acquitted themselves with great credit as hosts.

At noon Thursday, President Roosevelt received the delegates and their friends in the executive offices of the White House.

Respectfully,

T. R. Hood,

P. W. Vaughan.

It was then moved and seconded, that the report be received and published in the proceedings.

Motion adopted.

The President then appointed Messrs. O'Hanlon and Miller to escort Mr. Dubel, the representative of the N. A. R. D., to the rostrum, which was done amid much applause.

Mr. Dubell, after expressing his pleasure at meeting the members of the North Carolina Pharmaceutical Association, proceeded in the delivery of a forceful and interesting address on the work of the N. A. R. D. The speaker held the closest attention of his audience through the entire address and was frequently interrupted by bursts of applause.

The speaker congratulated the Association upon its progressiveness and stated that he had traveled through the entire beautiful Southland in the interest of the N. A. R. D., during the last five months, and that he wished to state that today the best class in the organization was to be found in the Southern States. The speaker stated that he had had forty-three years experience behind the retail counter in the drug business, and from a careful study of conditions he realized that it was absolutely necessary for the druggists, as business men, to look at conditions and not at theories; that there had been a revolution in the retail drug line as well as in other trades, and that every man who could look back over the field for thirty-five or forty years would agree with him that the man who did not keep in touch with the trade must get behind, in the rear of the procession.

The speaker stated that only six years ago, a few retailers, represent- the best brain in the country, came to the conclusion that unless the interests of the retailers were guarded, unless some interest was taken,

it would only be a question of time when they would be legislated out of business, and it would only be a question of time when the capitalist would come in and the retailer would become a mere nonentity. The retailers replied in organizing this great organization, "We realized that we had certain firms to contend with, that they had money, power and influence that required Herculean efforts, but we knew that if we could combine the retailers of the country the victory was unquestionably ours. I want to say here that we did not propose to prosecute this work on a one cent or two cent scale but on the dollar principle, and in laying this foundation for this building, we have a foundation already laid with a solidity without question. We know that it was important to get in line with us the allied interests. We had to get in touch with the jobbers who supplied you with your goods; we had to get in touch with the proprietors who supplied you with your proprietaries.

The speaker stated that every jobber, except one, was in line with the Association, "under a solemn agreement to stand by us." Every proprietor in the country is in line with us as representing the retailers of this country, agreeing that they will stand behind us with their influence and their money to see that we secure our proper profits in the business. I want to state that I except only one firm who has not come into line, but I wish to say that the proprietors who have the biggest sales on their goods are in line with us, and I want to say that this has been accomplished through difficulties which if you understood them, you would sympathize with us. And strange to say that the very people who have put the greatest obstacles in our way are the very class we were organized to assist. I started out as one of the worst optimists you ever knew. My Association with the retailers had been largely nothing, and I formed that opinion of the average druggist. By my contact and acquaintance with the men I have had to form into this organization, I have discovered how serious was the mistake that I made in thinking that they were altogether representative of the druggists of this country. It looked like an almost hopeless undertaking to bring into line certain classes of our associates. When I make myself one of the trade, I know that you will not consider anything that I may say as discourteous. I have classified them in this way: First of all we have the level-headed men, the broad-minded men that I term the "level-heads," and then we have the "sore-heads," and then we have the "pin-heads," and last of all and worst of all we have the "swell-heads." These are the elements that compose the retail trade of this country. (Applause and laughter.) And when you can understand what it means to unify and organize this element you can realize what an undertaking it is. If I had the time and you had the patience for me to tell you all that we have done and the lack of appreciation on the part of many, you would agree with us that the effort to form the National Association of Retail Druggists in this country was one of most herculean effort, not excepting even the formation of the labor organizations. We had to make the dues so small that they were absolutely contemptible. We made the serious mistake of

making the dues twenty-five cents a year; we have increased it to $2.00 a year. The hod-carrier pays $12.00 a year to his union, and I ask you if the hod-carrier has received the same benefits that you have received."

The speaker then spoke of the "Serial Numbering Plan," the credit for which he said had been given by a number of people he had met to different concerns, when the fact was that the "N. A. R. D." originated it, and the Dr. Miles people were the first to adopt it.

The speaker then referred to the fact that a number of the druggists never read their pharmaceutical journals or papers, and some one had asked him why it was that so many of the druggists were considered "narrow," when as a matter of fact they were admitted to be men of more than ordinary intelligence? The speaker went on to answer this querry by saying that a man is controlled almost entirely by his environment. "Start a boy of 16 or 17 years old into the drug business of ours, and you stand him in a drug store in a narrow space where he is compelled to delve and work and where he has no opportunity to get out, and I want to say that that boys's outlook is indeed gloomy. He will become so accustomed to dealing in grains and minims that the trouble is, he is liable before he gets to be sixty years old to become a sixteenth of a grain man."

The speaker then referred to the fact that when labor found it necessary to advance the wage scale it was done. He adverted to the great wave of prosperity in this country that had benefitted the laborer and made it possible to secure an advanced schedule of wages; the merchant had felt the touch because of the greater amount of groceries and dry goods that were sold, but he admonished his audience that they must understand that the druggists stand alone; that no man would buy drugs from them simply because he had a pocket full of money, and added "we have got to get our advance on an entirely new principle, and another plan. We do not employ the means at our disposal for the advancement of our interests. Take the matter of prescriptions. As conservative a country as Germany, it has the drug business there conducted under a law that only gives a certain section to each drug store; they know more about the question of scientific charging than we do." The speaker then went on and explained at some length the method employed for graduating or grading the charges for each ingredient that went into a prescription by which the druggist secured a better price for his prescription there than he does in this country, and he finally asked his audience if they knew how small a portion of their business was protected by law in this country. He spoke of the length of time required for a pharmacist to secure a competent knowledge of his business and stated that in many instances they were not paid for their skill at all.

The speaker then referred to the United States Medical Society and stated that it was one of the most perfect organizations in the country, "but notwithstanding they are our friends in a certain sense, we have got to watch the doctors." He then adverted at considerable length to certain practices among the doctors that proved injurious to the busi-

ness interests of the legitimate and fair minded druggists. He stated that he remembered a time when the doctors simply wrote the prescription, but that now these doctors had become affected with the "spirit of commercialism," relating instances illustrating this statement.

The speaker then referred to his recent visit to the Ohio Association, which was presided over at their meeting by a doctor of the city of Cincinnati, and that this doctor took occasion to say that certain things were wrong in the pharmacy business.

The speaker referred to the low position or rank held by the pharmacist in the Army and Navy, stating that in the Navy he ranked with the cook and the carpenter, and in the Army he ranked below the "horse doctor," and stated that the pharmacists themselves were to blame for this. He then discoursed at some length on the legislation past and prospective of the N. A. R. D. and certain legislation that would be desirable in this State, and also mentioned briefly certain other work accomplished by the N. A. R. D.

The speaker then told of several instances of refractory concerns that were "unfair" and that refused to come into line with the Association, and the method by which these concerns were gotten into line and had become strong supporters of the N. A. R. D. and in conclusion he told how the little pink papers were sent broad cast over the country and their effect.

At the conclusion of Mr. Dubel's speech the following resolutions were offered and adopted:

RESOLUTIONS.

WHEREAS, The constructive and defensive work of the National Association of Retail Druggists during the past five years has been of such a character as to inspire confidence in the success of its plans for further improving the financial condition of the retail drug trade, therefore by the North Carolina Pharmaceutical Association be it

Resolved, That the loyalty of this Association to the National Association of Retail Druggists is hereby reaffirmed.

Resolved, That the Direct Contract and Serial Numbering Plan authorized by the Cleveland and Washington Conventions of the N. A. R. D. and put into operation by the Dr. Miles Medical Company, is hereby commended and endorsed, and that all members of the Association are urged to give the plan their active support, and to give those manufacturers marketing their preparations under this plan preferential consideration.

Resolved, That it is the sense of this Association that all proprietary manufacturers who have not as yet adopted the Direct Contract Plan should make every possible effort to secure to the druggist his rightful profit through the establishment of minimum price schedules and other practical methods, ultimating in the adoption within the ensuing year of a

direct contract and serial numbering system that will usher in and maintain full prices.

Resolved, That the incoming officers and committees of the Association are hereby directed to co-operate in every practical way with the officers and committees of the N. A. R. D. and its local branches in order that all these bodies may work in closest harmony, and to the greatest common advantage.

Resolved, That the individual menbers of this Association are urged to work vigorously to make the efforts of the N. A. R. D. successful, to the end that the commercial prosperity of the retailers of our State may be advanced and the welfare of the retail druggists of the entire country may be improved.

Resolved, That the incoming president of the Association is hereby directed to appoint delegates to represent the North Carolina Pharmaceutical Association at the 1904 Convention of the N. A. R. D.

WHEREAS, Our internal revenue laws impose a tax of $2.06 on each wine gallon of commercial alcohol marketed thus greatly increasing the cost of that substance and placing a heavy burden on the industries in which it is a necessary raw material; and

WHEREAS, The reduction of the tax from $1.10 to 70 cents per proof gallon ($2 06 to $1.31 per wine gallon) would greatly benefit the manufacturing industries of the country, and would cheapen the cost of many articles of general consumption; and

WHEREAS, Such tax reduction would result in practically no loss of revenue to the government since, with a lower tax rate, the use of alcohol for manufacturing purposes would be greatly increased, and the illicit distillation of spirits, from which no revenue is now derived, would be made unprofitable, therefore by the North Carolina Pharmaceutical Association be it

Resolved, That we heartily favor a reduction of the tax on alcohol to 70 cents per gallon, and urge the enactment of legislation for that purpose, and to this end hereby instruct our executive officers to co-operate with the N. A. R. D. and other interested associations.

WHEREAS, The pharmacists of the United States are overwhelmingly in favor of just and humane laws, and are convinced that the Mann Bill now before Congress, amending the statutes relating to patents upon medicinal articles, is in the interest of the sick and suffering; and

WHEREAS, The passage of this bill will prevent the granting of patents by the United States government to citizens of any foreign country which does not grant corresponding patents to Americans and prevent the patenting by anybody of medicinal substances, patents being confined to processes rather than the article manufactured; and

WHEREAS, We are confident this change in the patent laws would not work injury to any American manufacturer who is entitled to protection, but on the contrary would prove an incentive to still greater achievements in the science of chemistry, rewarding research and discovery which the present laws discourage; therefore by the North Carolina Pharmaceutical Association be it

Resolved, That all members of the Association are cordially urged to write their respective representatives in Congress, asking them to vote for and actively support the Mann Bill, known as H. R. 13679.

Resolved, that the executive officers of the Association are instructed to use their best efforts to secure the passage of the bill mentioned cooperating with other pharmaceutical bodies to this end.

The officers-elect were conducted to the rostrum and duly installed, after which the meeting adjourned.

P. W. VAUGHAN,
Secretary.

APPENDIX.

IN MEMORIAM

W. H. AYCOCKE
LOUISBURG, N. C.

N. D. FETZER
CONCORD, N. C.

PAPERS.

Five Reasons Why Every Pharmacist in the State Should Be a Member of the North Carolina Pharmaceutical Association.

By Wm. Niestlie.

1. It organizes the pharmacists of the State in one great body of men of our noble profession.

2. It is a mutual protection when bills come up in the legislature of our State against the interest of the pharmacist.

3. "In unity there is strength" to fight the cut rate war if it comes in our State.

4. It creates a fraternal feeling for proprietor and clerk to belong to the same association and feel that one or the other may be able to attend the meeting.

5. It costs but little and is a great help to all pharmacists as protection against unjust laws.

Query No. 1.--It Has Been Suggested That Congress Enact Legislation Requiring the Manufacturers of Patent Medicines to Print the Formulas of Their Products Upon the Package. Would Such a Change Be Desirable and Practicable?

By Wm. Niestlie.

No. For many reasons a change would not be desirable and it would be unjust to many who have given years of time to the medicines they make.

First of all, it would not be just to the manufacturers to compel them to print the full formula, for many have taken years of work to perfect their remedies so as to avoid injury and do good to suffering humanity.

Secondly, it would open the field to many to put up imitations of good remedies we now have on the market.

Thirdly, it would be an injustice to the people who have paid the government for the protection of their labels, as they are registered or copyrighted and trade marks secured. It would certainly do a great injustice to many and harm to humanity to have a lot of infringements on goods of this character.

ROLL OF MEMBERS.

ACTIVE.

Abernethy, T. R.	Newton	1880
Adams, D. L.	Raleigh	1880
Adams, J. L.	Gastonia	1904
Allison, Luther D.	Brevard	1901
Allison, Thomas B.	Burlington	1900
Baldwin, Penrose	Asheville	1904
Ballance, J. R.	Morehead City	1902
Beavers, William E.	Enfield	1901
Beck, Robert T.	Germanton	1881
Bellamy, R. R.	Wilmington	1893
Bernard, Germain	Durham	1904
Biggs, S. R.	Williamston	1880
Birdsong, E. G.	Raleigh	1897
Bobbitt, James H.	Raleigh	1886
Bogue, A. G.	Fremont	1899
Bolton, J. C.	Dunn	1904
Boon, W. J.	Benson	1904
Boyett, Addie H.	Smithfield	1904
Bradham, C. D.	New Bern	1895
Bradley, Augustus, Ph. G.	Burlington	1891
Brame, R. M.	Winston	1901
Brooks, J. F.	Hendersonville	1899
Bryan, W. D.	Tarboro	1904
Bunting, J. Hicks, Ph. G.	Wilmington	1893
Burwell, G. E.	Tarboro	1890
Burwell, William R.	Charlotte	1898
Carmichael, W. C.	Asheville	1904
Carpenter, F. L.	Dallas	1901
Carter, Jesse	Madison	1882
Cavis, Charles H.	Gastonia	1904
Chears, H. R., Ph. G.	Pactolus	1888
Clapp, Clarence	Newton	1903

Cole, B. L.	Charlotte	1901
Conyers, Z. V., Ph. G.	Greensboro	1893
Cook, A. J.	Fayetteville	1886
Cook, R. E. L.	Tarboro	1904
Cook, W. M.	Salisbury	1904
Cranmer, John B.	Wilmington	1900
Davis, George	Beaufort	1900
Davis, David R.	New Bern	1903
Detter, E. E.	Dallas	1904
Dorsey, Melville	Henderson	1880
Duffy, F. S.	New Bern	1902
Dunn, R. A.	Charlotte	1904
Everington, George	Laurinburg	1883
Fariss, John B.	Greensboro	1883
Fentress, H. L.	Wilmington	1883
Few, Vernon	Hendersonville	1904
Field, David Meade	Washington	1901
Fordham, C. C.	Greensboro	1897
Franklin, O. E.	Fayetteville	1904
Freeze, R. P.	Newton	1900
Galloway, R.	Raleigh	1897
Gardner, Howard	Greensboro	1895
Goodman, George C.	Mooresville	1881
Graham, F. R.	Raleigh	1897
Grantham, Hiram	Red Springs	1904
Grantham, George K.	Dunn	1895
Gray, P. C.	Statesville	1904
Green, W. H., Ph. G.	Wilmington	1880
Hall, William F., Jr.	Statesville	1893
Hamilton, Robert Lee	Winston	1901
Hancock, F. W.	Oxford	1880
Hardin, John H.	Wilmington	1880
Harper, C. P.	Selma	1904
Harrell, J. T.	Asheville	1904
Harrison, A. S.	Enfield	1897
Hawley, Frederick Oscar, Jr.	Charlotte	1903

Hayes, William A.	Hillsboro	1891
Hill, John H.	Goldsboro	1880
Hicks, H. T.	Raleigh	1897
Hollowell, Jabez K.	Wilson	1903
Hood, T. R.	Smithfield	1880
Hood, William D.	Smithfield	1903
Hood, J. E.	Kinston	——
Horne, H. R.	Fayetteville	1880
Horne, Warren W., Ph. C.	Fayetteville	1900
Houston, Clarence	Monroe	1900
Howell, E. V., A. B., Ph. G.	Rocky Mount	1892
Hunter, Buxton W.	Raleigh	1888
Jarman, J. F.	Wilmington	1900
Jacobs, Frederic L.	Asheville	1887
Jacobs, Francis Gillam	Windsor	1880
Johnson, D. D.	Monroe	1886
Johnson, James I.	Raleigh	1880
Johnson, Alice Elizabeth	Aberdeen	1893
Jordan, R. H.	Charlotte	1884
Justice, William Hicks	Hendersonville	1887
Kendrick, T. W.	Shelby	1897
Kidd, C. B.	Charlotte	1904
King, W. H.	Raleigh	1884
King, John A.	Raleigh	1897
King, C. E.	Durham	1904
King, Harris L.	Durham	1904
King, Chas. H.	Durham	1904
Landquist, Thomas Eugene	Salem	1899
Leslie, W. A.	Morganton	1895
Leggett, W. A.	Edenton	1897
Lodge, William A.	Raleigh	1880
Mabry, William A.	Durham	1899
Marsh, M. L.	Concord	1902
Martin, Walter S.	Hickory	1901
Matthews, A. B.	Durham	1895
Matthews, G. E.	Enfield	1902

May, W. A.	Rocky Mount	1894
McAden, J. H.	Charlotte	1884
McDonald, H. M.	LaGrange	1880
McDonald, A. M.	LaGrange	1903
McKay, J. Loyd, M. D. (life)	King's Mountain	1885
McKinnon, Murdock H.	Red Springs	1900
McKesson, L. M.	Morganton	1902
McMillan, J. D.	Lumberton	1904
McNair, Whit. H., Ph. G.	Tarboro	1887
McRae, John Y.	Raleigh	1880
Merritt, E. S.	Chapel Hill	1894
Miller, C. B., Ph. G.	Goldsboro	1890
Missildine, E. E.	Tryon	1902
Moore, Chas. E., Jr.	Wilson	1904
Moose, A. Walter	Mount Pleasant	1893
Moose, G. D.	Mount Pleasant	1903
Morris, J. De	Roxboro	1893
Munds, James C. (life)	Wilmington	1880
Nicholson, Thomas H.	Murfreesboro	1888
Niestlie, William	Wilmington	1887
O'Hanlon, E. W.	Winston	1895
Parker, Geo. E.	Benson	1904
Parris, D. C.	Hillsboro	1901
Pescud, John S.	Raleigh	1880
Pfafflin, H. A.	Asheville	1904
Pilkington, D. R.	Pittsboro	1898
Pleasants, F. R.	Louisburg	1897
Prior, Jackson L.	Raleigh	1880
Raysor, C. A.	Asheville	1904
Reedy, John	Lincolnton	1881
Richardson, L.	Greensboro	1880
Ring, W. A.	Charlotte	1897
Robinson, M. E., M. D.	Goldsboro	1888
Sasser, Leonidas B.	Red Springs	1900
Scott, John M.	Charlotte	1898
Sedberry, C. D., Ph. G.	Fayetteville	1888

Sedberry, H. S.	Fayetteville	1892
Shell, Junius E.	Lenoir	1898
Shepard, John W., Ph. G.	Charlotte	1896
Shepard, Jos. C.	Wilmington	1893
Shuford, C. M.	Hickory	1902
Simmons, J. C.	Graham	1904
Simpson, C. N.	Monroe	1904
Simpson, William	Raleigh	1880
Simpson, Robert	Raleigh	1892
Smith, Frank T.	Franklin	1888
Smith, J. B.	Lexington	1882
Smith, John R.	Mount Olive	1888
Smith, T. C., M. D.	Asheville	1880
Sneed, P. C.	Durham	1894
Southerland, T. R., Ph. G.	Raleigh	1890
Sprague, John F	Morganton	1888
Steadman, John P.	Oxford	1880
Summey, P. D.	Dillon	1904
Sykes, Eugene	Fayetteville	1901
Tarkinton, Edward L.	Raleigh	1903
Thigpen, John K.	Tarboro	1901
Thomas, Charles R.	Thomasville	1901
Thomas, W. G.	Louisburg	1880
Thompson, V. O.	Winston	1880
Townsend, Edgar F.	Red Springs	1900
Vaughan, P. W., Ph. G.	Durham	1880
Walker, E. E., M. D.	Snow Hill	1904
Ward, Gaston W.	Greensboro	1893
Watson, Geo. Y.	Southport	1904
Way, David	Asheville	1896
Wearn, W. H.	Charlotte	1884
Welborn, W. T.	Lexington	1904
Wheeless, James M.	Charlotte	1901
Whitehead, E. T.	Scotland Neck	1888
White, Joseph A.	Davidson	1900
Wilkins, William R.	King's Mountain	1904

Williams, Robert I.	Raleigh	1880
Williams, M. P.	Charlotte	1902
Wilson, William, Jr.	Charlotte	1901
Woodall, Junius P.	Charlotte	1887
Wootten, G. R.	Hickory	——
Wriston, L. R.	Charlotte	1880
Yearby, William M.	Durham	1889
Zoeller, Edward V., Ph. G.	Tarboro	1880

HONORARY.

Caspari, Prof. Charles, Jr.	Baltimore	1892
Purcell, Col. John B.	Richmond, Va.	1890
Venable, Prof. F. P.	Chapel Hill	1890
Williams, John R.	Raleigh	1880
Wooten, Thomas V.	Chicago	1900

DECEASED.

Adams, R. H., M. D.	Gastonia	1884—1888
Aycocke, M. H.	Louisburg	1894—1904
Bedford, Prof. P. W.	New York	1881—1892
Bickett, T. W.	Monroe	1880—1889
Blacknall, R. D.	Durham	1880—1900
Bobbitt, F. A.	Winston	1892—1894
Broadfoot, T. W.	Fayetteville	1880—1890
Davidson, J. S. M.	Charlotte	1880—1889
DeVault, T. M.	Asheville	1882—1888
Duffey, F. S.	New Bern	1880—1885
Duffey, R. N.	New Bern	1880—1895
Fetzer, N. D.	Concord	1890—1904
Fuller, T. F., M. D.	Raleigh	1880—1395
Furman, W. H., Jr.	Louisburg	1880—1890
Garrett, H. B.	Rockingham	1883—1884
Gidney, J. C., M. D.	Shelby	1881—1890
Gordon, E. S.	Wilkesboro	1882—1882
Green, C. C.	New Bern	1880—1894
Griffin, John M.	Rocky Mount	1888—1902
Grimes, A. L.	Thomasville	1880—1890

Grimes, B.	Asheville	1882—1882
Hand, W. E.	Charlotte	1880—1884
Hill, T. B.	Goldsboro	1880—1891
Hinsdale, S. J.	Fayetteville	1880—1894
Hood, J. C.	Smithfield	1880—1887
Jordan, J. V.	New Bern	1881—1895
Johnson, R. E.	Fremont	1881—1884
Jones, B. C.	Morehead City	1892—1896
Latham, W. W.	Seaboard	1881—1895
Lawing, J. M., M. D.	Lincolnton	1884—1894
Lee, A. S.	Lincolnton	1880—1895
Lewter, J. T., M. D.	Murfreesboro	1881—1887
Lucas, H. D., M. D.	Black Creek	1886—1894
Lyons, H. H.	Asheville	1883—1888
Miller, F. C.	Wilmington	1880—1893
Nadal, E. M.	Wilson	1880—1896
Owens, B. Bertram	Winston	1901—1902
Poole, T. W.	Williamston	1887—1890
Quickel, John Carl	Lincolnton	1892—1899
Royster, O. M.	Hickory	1896———
Sedberry, B. E.	Fayetteville	1880—1900
Simmons, B. T.	Weldon	1880—1888
Smith, Charles H.	Greensboro	1899———
Stewart, L.	Laurinburg	1881—1881
Tenny, A. K.	Durham	1880—1888
Wagoner, John M.	Statesville	1888—1894

If any errors are noted in the above the Secretary should be advised thereof. Members of the Association who change their address will confer a favor by notifying the Secretary.

THE CONSTITUTION AND BY-LAWS.

CONSTITUTION.

ARTICLE I.—Name.

This Association shall be called the North Carolina Pharmaceutical Association.

ARTICLE II.—Object.

The aim of this Association shall be to unite the reputable pharmacists and druggists of this State for mutual assistance, encouragement, and improvement, and to advance the science and art of pharmacy, and thereby restrict the dispensing and sale of medicine to properly qualified pharmacists and druggists.

ARTICLE III.—Officers.

This Association shall have the following officers: A President, three Vice-Presidents, a Secretary, a Local Secretary, and a Treasurer; also an Executive Committee, consisting of five members, of which the Secretary shall be one *ex officio*, all of whom shall be elected annually by ballot, and shall hold office until an election of successors.

ARTICLE IV.—Life Membership.

Any member who shall pay the Treasurer the sum of twenty-five dollars at one time shall become a Life Member, and shall be exempt from all future annual dues.

ARTICLE V.—Amending Constitution.

Every proposition to alter or amend this Constitution shall be submitted in writing and received at an annual meeting, and may be voted for at the next annual meeting, when, upon receiving a vote of three-fourths of the members present, it shall become a part of the Constitution.

The By-laws may be altered or amended by a vote of three-fourths of the members present taken thereon.

BY-LAWS.

ARTICLE I.—Duties of Officers.

Section 1. The President shall preside at all meetings and adminster the Rules of Order usual in deliberative assemblies. He shall nominate all special committees, except a majority of the members present resort to balloting or other means. He shall sign the certificates of membership and countersign all orders upon the Treasurer. He shall present at each annual meeting a report of the operations of the Association during the year, and suggest such subjects for its benefit as he may deem worthy of notice.

Sec. 2. The Vice-Presidents shall, in case of temporary absence or inability of the President to serve, perform his duties in the order of their names.

Sec. 3. The Secretary shall keep a fair and correct record of all the proceedings of the Association. He shall keep on file all papers and reports read. He shall be charged with all correspondence, and with the editing, publishing and distributing the proceedings of the Association, under the direction of the Executive Committee. He shall notify all members four weeks in advance of each annual meeting, and at each annual meeting render a report of the duties performed by him since the last annual meeting. He shall furnish the chairman of every special committee with a list of its members. He shall be *ex officio* a member of the Executive Committee.

Sec. 4. The Local Secretary shall act under instructions from the Secretary.

Sec. 5. The Treasurer shall collect and have charge of all funds of the Association. He shall give bond in the sum of one thousand dollars for the faithful performance of his duties. The bond must be acceptable to the Executive Committee and placed in the custody of the President, who shall deliver it to his successor. He shall hold and issue the certificates of membership. He shall report to the Executive Committee, previous to each annual meeting, the names of those members who have failed to pay their dues for two successive years. He shall keep a list of the names, residence and date of entrance of each member, and furnish a list of the same at the close of each annual meeting to the Secretary for publication. He shall preserve all applications for membership. He shall pay all bills when countersigned by the President, and at each annual meeting render an itemized statement of his accounts.

ARTICLE II.—Of Committees.

Section 1. There shall be three Standing Committees: An Executive Committee of five members, a Committee on Papers and Queries, and a

Committee on Trade Interests, each to consist of three members, and to be annually elected or appointed, according to the will of the Association.

SEC. 2. The Executive Committee, of which the Secretary is an *ex officio* member, shall have charge of the revision of the roll, the investigation of applicants for membership, and the publication of the proceedings. They shall report at each annual meeting the names of such members who have refused to pay their annual dues for two successive years. They shall present appropriate notices of deceased members. At least one copy of the Annual Report of Proceedings, as published by the Executive Committee, shall be furnished each member.

SEC. 3. The Committee on Trade Interests shall consider all matters of a trade or commercial nature referred to them, and render a report thereon at such time as may be directed. They may make annual reports, and suggest remedies of such trade or commercial irregularities as they may deem worthy thereof.

SEC. 4. The Committee on Papers and Queries shall receive all papers or essays for the Association, and designate which of them shall be read at length and which by title. They shall, in connection with the Secretary, arrange the time which may be most appropriate and convenient for presenting them. They shall annually report, within three months after their selection, a proper number of questions of scientific and practical interest, the answers to which may advance the interests of pharmacy; and shall procure the acceptance of as many such questions for investigation and reply as may be practicable; and in other ways induce the presentation of papers and essays.

ARTICLE III.—OF MEMBERSHIP.

SECTION 1. Every pharmacist and druggist residing in the State, of good moral standing, who is registered or is eligible to registration as a Registered Pharmacist under the Pharmacy Act of this State, of which satisfactory evidence shall be produced or shown to the Executive Committee, may become a member of this Association.

SEC. 2. Any person eligible to membership may apply in writing with the endorsement of two members in good standing, to any member of the Executive Committee, who shall report his application to said Committee; if after investigating his claims, they shall approve his election, they shall, at the earliest time possible, report his name to the Association, and he may be elected by two-thirds vote of the members present on ballot.

SEC. 3. Any member, not in arrears, moving to another State and once in two years reporting to the Secretary his address, shall be regarded as an associate of this Association, and it is hereby provided that such failure to report shall be sufficient warrant for the Secretary dropping the name of such associate member from the roll of membership.

Associate members shall not be eligible to hold office nor be required to contribute to the funds of the Association, but they shall have the privilege of attending the meetings and participating in the deliberations.

SEC. 4. No person shall be considered a member of this Association until he has signed the Constitution and By-laws and paid into the treasury the sum of three dollars as an initiation fee; also the annual contribution for the current year. All persons who become members shall be considered permanent members, but may be expelled for improper conduct by a vote of three-fourths of the members present at any annual meeting.

SEC. 5. Every member shall pay in advance into the hands of the Treasurer the sum of two dollars as his yearly contribution. Any one in arrears at an annual meeting shall not be entitled to vote, and any one neglecting to pay his annual dues for two successive years shall be liable to lose his membership. Members complying with the preceding section of this article are entitled to certificates of membership, signed by the President, a Vice-President, the Secretary and Treasurer. Ex-members, who are so from omissions to pay their dues, desiring to reunite with the Association, may do so by applying in writing to the Treasurer and paying into the funds of the Association the sum of two years' dues when they were members and the dues for the current year; whereupon their names shall be replaced upon the roll.

SEC. 6. Resignations shall be made in writing to the Secretary, but no resignation shall be accepted from any one who is in arrears to the Treasurer. All resignations shall be acknowledged by the Secretary and reported at the next annual meeting.

SEC. 7. Pharmacists, chemists and other scientific men who may be deemed worthy of the distinction may be elected honorary members. They shall not be required to contribute to the funds, nor shall they be eligible to office, or to vote upon any question.

ARTICLE IV.—OF MEETINGS.

SECTION 1. The meetings shall be held annually, or from time to time, as the Association may determine, provided that in cases of failure of this from any cause, the duty of calling the Association together shall devolve upon the President, or on the Vice-Presidents, with the advice and consent of the Executive Committee.

SEC. 2. At the opening of each annual meeting, in the absence of the President and Vice-President, one of the Executive Committee shall take the chair. In absence of all, a President *pro tempore* shall be elected by the members present. In the absence of the Secretary, the presiding officer shall appoint a Secretary *pro tempore.*

SEC. 3. Fifteen members shall constitute a quorum.

ARTICLE V.—Of Delegates.

Section 1. The President shall annually appoint five delegates to the American Pharmaceutical Association, and three to the Virginia Pharmaceutical Association, and three to the North Carolina State Medical Society. The delegates shall present their report at the next annual meeting of the Association. Delegates shall be entitled to appoint alternates.

ARTICLE VI.—Business Order.

1.—Calling Roll.
2.—Reading Minutes.
3.—Election of Members.
4.—Report of Officers.
5.—Miscellaneous Business.
6.—Reading Communications.
7.—Report of Committees.
8.—Election of Officers.
9.—Adjournment.

CODE OF ETHICS.

ADOPTED 1882.

The members of the North Carolina Pharmaceutical Association, considering it necessary that some mutual understanding should exist in regard to the moral principles guiding them in their profession, hereby agree upon the following Code of Ethics:

1. We accept the United States Pharmacopœia as our standard and guide for all official preparations, and recognize a variance from its rules only in exceptional cases where sufficient authority has proved some other process more reliable to attain the same end. (This section is not intended to interfere with the dispensing of preparations or medicines ordered in accordance with foreign pharmacopœias).

2. We discountenance all secret formulæ between physician and pharmacist, and consider it our duty to communicate such to each other when requested.

3. We distinctly repudiate the practice of allowing physicians a percentage in any form on their prescriptions or patronage, as being derogatory to both professions.

4. We will endeavor, as far as possible, to refrain from compromising the professional reputation of any physician, and expect in return the same courtesy from him.

5. As the apothecary should be able to distinguish between good and bad drugs in most cases, and as the substitution of a weak or inert drug for an active one may, negatively, be productive of serious consequences, we hold that the sale of impure drugs or medicines, from motives of competition or desire of gain, when pure articles of the same kind may be obtained, is highly culpable, and that it is the duty of every honest apothecary or druggist to expose all such fraudulent acts as may come to his knowledge.

6. The apothecary should be remunerated by the public for his knowledge and skill, and his charges should be regulated by the time consumed in preparing as well as by the value of the articles sold. Although local and other circumstances necessarily affect the rate of charges at different establishments, no apothecary should intentionally undersell his neighbors with a view to their injury.

7. Recognizing the value of alcohol as a therapeutic agent, and the propriety of its being dispensed as such by pharmacists, yet deploring the widespread evil resulting from its intemperate use in its hundred

insidious forms, we condemn any attempt to make it a prominent feature of our business as unprofessional, and we denounce the loose practice of allowing it to be used on the premises in any shape as a beverage as degrading, and we urge upon pharmacists the duty of exercising at all times a conscientious care in dispensing a drug liable to such dangerous abuse.

8. Members of this Association, when asked to do so, shall give each other confidentially, any information in their possession affecting the character, habits, integrity or irregularities of any assistant or apprentice who may have applied for employment, or to whom they may have given letters of introduction or recommendation. Any member who shall divulge such confidential communication to the detriment or annoyance of the member giving it shall, upon the proof thereof, be no longer entitled to the courtesies due a member, and his name be stricken from the roll.

9. Believing that some means should be adopted to enforce the provisions of this Code, violations of the same may be reported at any annual meeting of this Association, when the accused may be heard in his own behalf, when, if found guilty, he may be censured, suspended or expelled by a vote of two-thirds of the members present.

NORTH CAROLINA BOARD OF PHARMACY.

MEMBERS AND ORGANIZATION, 1904-1905.

COMMISSIONED BY HIS EXCELLENCY THE GOVERNOR OF NORTH CAROLINA.

F. W. HANCOCK, Oxford.....Term expires April 28, 1909.
W. W. HORNE, Fayetteville.....Term expires April 28, 1910.
WILLIAM SIMPSON, Raleigh.....Term expires April 28, 1906.
E. V. ZOELLER, Tarboro.....Term expires April 28, 1907.
C. D. BRADHAM, New Bern.....Term expires April 28, 1908.

PRESIDENT.

EDWARD V. ZOELLER.....Tarboro.

SECRETARY AND TREASURER.

F. W. HANCOCK.....Oxford.

ATTORNEY.

B. S. ROYSTER.....Oxford.

LIST OF REGISTERED PHARMACISTS IN NORTH CAROLINA, REVISED SEPT. 1, 1904.

Please Report to the Secretary and Treasurer of the Board of Pharmacy, Mr. F. W. Hancock, Oxford, N. C., any Errors or Omissions in in this List, or any Change in Address, and Oblige.

A

No. Certificate.	Name.	Address.
86	Atkinson, John M.	Charlotte.
127	Allison, Thomas B.	Asheville.
219	Adams, John L.	Gastonia.
262	Ashford, Alfred J.	Kinston.
333	Abernethy, T. R.	Newton.
354	Adams, D. L.	Raleigh.
371	Aldhiser, Henry H.	Broadway, Va.
382	Allen, Wm. S.	Reidsville.
493	Anderson, W. S., M. D.	Wilson.
506	Ashcraft, H. C.	Elkin.
598	Allen, James, M. D.	Star.
601	Armfield, Horace	Albemarle.
46	Allison, L. D.	Brevard.
282	Alston, Willis, M. D.	Littleton.
610	Austin, T. E.	Roxboro.

B

7	Baldwin, Penrose	Asheville.
31	Bullock, Thomas C., M. D.	Autryville.
29	Bonner, Henry M.	Aurora.
40	Benson, James W.	Benson.
45	Blythe, E. W.	Brevard.
53	Bradley, Augustus	Burlington.
54	Barnett, A. F.	Burlington.
76	Blair, R. Kent	Charlotte.
79	Brantley, John C.	Raleigh.
133	Bernard, Germain	Durham.

No. Certifisate.	Name.	Address.
154	Bivans, Wm. E.	Enfield.
192	Barker, Walter B.	Greensboro.
199	Bowman, Harlon P., M. D.	Gibsonville.
213	Bryan, J. W.	Greenville.
214	Beck, Robt. T.	Germanton.
250	Brown, John N.	Halifax.
257	Burrus, John T., M. D.	Jonesville.
276	Ballew, James G.	Lenoir.
281	Blue, Alfred F.	Salisbury.
290	Boddie, Samuel P.	Louisburg.
313	Ballance, Jesse R.	Fremont.
327	Bradham, C. D.	New Bern.
328	Butler, R. F.	New Bern.
337	Berry, W. A.	North Wilkesboro.
356	Bobbitt, J. Hal.	Baltimore.
364	Birdsong, Edward G.	Raleigh.
378	Brandon, N. C.	Raleigh.
389	Bolton, J. C.	Rich Square.
390	Biggs, Sylvester	Hamlet.
399	Betts, James R.	Randleman.
402	Barker, C. R.	Salisbury.
413	Barker, W. R.	Salisbury.
417	Boyett, A. H.	Smithfield.
455	Burwell, Geo. E.	Tarboro.
461	Bird, Joseph, M. D.	Thomasville.
471	Bellamy, Robt. R.	Wilmington.
475	Bunting, J. H.	Wilmington.
319	Brame, Robt. M.	Winston.
507	Bell, Geo. M., M. D.	Wakefield.
511	Barham, W. K.	Warrenton.
514	Blount, W. A., M. D	Washington.
522	Biggs, S. R.	Williamston.
535	Bryan, John S.	Spencer.
537	Blair, S. Oscar	Monroe.
540	Braswell, Jas. C., M. D.	Whitakers.
546	Bullock, D. A.	Wilmington.
554	Barnes, Ben S.	Winston.
560	Bogue, A. G.	Fremont.

No. Certificate.	Name.	Address.
571	Blake, James H.	Gastonia.
595	Byrd, Clement	Wilson.
603	Bateman, Walter C.	Wilson.
38	Brooks, T. L., M. D.	Black Creek.
68	Burwell, W. R.	Charlotte.
232	Brooks, J. F.	Hendersonville.
498	Brown, W. C.	Winston.
615	Blauvelt, William H.	Asheville.
617	Boon, Wiley, Jr.	Waynesville.
618	Bryan, Dempsy B.	Tarboro.
620	Burruss, Patrick H.	Richmond, Va.
621	Brown, Benjamin W.	Oxford.

C

578	Cox, B. T., M. D.	Winterville.
1	Carmichael, W. C.	Asheville.
28	Carter, Jesse	Aberdeen.
83	Cole, B. L.	Weldon.
97	Caldwell, Paul	New York.
108	Cranmer, John B., M. D.	Chapel Hill.
114	Cole, J. F.	Carthage.
118	Clapp, Clarence	China Grove.
128	Carpenter, Frank L.	Dallas.
136	Crabtree, Clarence A.	East Durham.
162	Cook, A. J.	Fayetteville.
178	Conway, C. W.	Franklinton.
188	Conyers, Z. V.	Greensboro.
217	Cavis, Chas. H.	Gastonia.
253	Cates, A. S.	Haw River.
294	Crocker, W. D., M. D.	Lucama.
302	Croom, Robt. DeVane	Maxton.
361	Congdon, G. C.	Phœbus, Va.
377	Crowell, Chas. Bruton	Raleigh.
403	Cuthrell, Edwin	Salisbury.
437	Caudler, Chas. Z., M. D.	Dillsboro.
181	Carpenter, Robt. E.	Stanly.
456	Cook, R. E. L.	Tarboro.
458	Cordon, J. G. M.	Tarboro.
482	Cannady, Wm. A.	Wilmington.

No. Certificate.	Name.	Address.
523	Cooper, H. S. S.	Weldon.
526	Cohen, W. M.	Weldon.
543	Crowell, Charles Bruce	Forest City.
548	Cook, Walter M.	Salisbury.
573	Cook, Harry M.	Murfreesboro.
69	Campbell, G. W.	Charlotte.
376	Carter, E. R., Jr (col.)	Asheville.

D

35	Davis, Allen	Beaufort.
37	Davis, George, M. D.	Beaufort.
66	Dunn, R. A.	Charlotte.
260	Dunn, Henry	Kinston.
317	Dees, Wm. A., M. D.	Marshville.
325	Duffy, Francis S.	New Bern.
329	Davis, David R.	New Bern.
330	Duffy, Leinster, M. D.	New Bern.
438	Davis, R. L., M. D.	Sylva.
445	Dew, S. B., M. D.	Spring Hope.
530	Duke, J. W.	Youngsville.
533	Dixon, Robt. L.	Milton.
577	Daniel, Oscar C., M. D.	Oriental.
576	Drake, Wm. E.	Richmond, Va.
580	Detter, Eli E.	Bessemer City.
589	Daskum, E. E.	Southern Pines.
138	Dodson, J. A. (col.)	Durham.
197	Dawson, W. W., M. D.	Grifton.
225	Dorsey, Melville	Henderson.
380	Davis, J. E.	Raleigh.
421	Daniel, F. L. (col.)	Salisbury.

E

74	Eagles, John L. (col.)	Charlotte
85	Edwards, Thomas N.	Charlotte.
107	Eubanks, Clyde L.	Chapel Hill.
142	Ellington, Cope W.	Raleigh.
231	Etheridge, John Q.	Elizabeth City.
501	Eldridge, Julius	Salem.
210	Ernul, McG.	Greenville.

No. Certificate.	Name.	Address.
234	Eubanks, Harry H.	Hendersonville.
238	Edwards, G. C., M. D.	Hookerton.
277	Everington, Geo. D., M. D.	Laurinburg.
367	Eley, Henry S.	Suffolk, Va.
297	English, F. S.	Monroe.

F

30	Fox, Ludoph G.	Salisbury.
51	Freeman, R. A., M. D.	Burlington.
58	Fitzsimons, George	Charlotte.
170	Franklin, Owen E.	Fayetteville.
176	Furman, Henry S.	Franklinton.
183	Farriss, John B.	Greensboro.
189	Fordham, C C.	Greensboro.
205	Farries, Francis W.	Goldsboro.
233	Few, Vernon	Hendersonville.
278	Fields, W. L.	Laurinburg.
279	Fields, James T.	Laurinburg.
286	Fetter, Alex. W.	Laurinburg.
334	Freeze, Rufus P.	Newton.
381	Fetzer, Charles	Reidsville.
474	Fentress, Herbert L.	Wilmington.
516	Field, D. Meade	Washington.

G

13	Gwaltney, Wm. F.	Hickory.
49	Garrison, David A., M. D.	Bessemer City.
62	Goodman, Andy B.	Crescent.
64	Gray, Ransom S.	Charlotte.
65	Gray, Robt. W.	Charlotte.
80	Gregory, Richard T.	Stovall.
98	Goodman, Joseph F.	Concord.
112	Griffin, Jas. A., M. D.	Clayton.
117	Graham, Frank R.	China Grove.
122	Grantham, Geo. K.	Dunn.
149	Griggs, W. W., M. D.	Elizabeth City.
186	Gardner, Howard	Greensboro.
209	Gulick, Jas. W., Jr.	Goldsboro.
267	Grady, J. C., M. D.	Kenly.

No. Certificate.	Name.	Address.
305	Goodman, Geo. C.	Mooresville.
386	Grantham, Hiram	Red Springs.
412	Grimes, T. W.	Salisbury.
422	Gardner, J. T.	Shelby.
448	Goelet, Edward B., M. D.	Saluda.
450	Grissom, R. G.	Spray.
466	Green, Wm. H.	Wilmington.
483	Green, Chas. F.	Wilmington.
515	Gallagher, Jas. M.	Washington.
528	Groves, Chas. E.	Biltmore.
553	Gray, Polk C.	Statesville.
365	Galloway, Rawley	Greensboro.

H

9	Houston, J. L.	Charlotte.
23	Harwood, W. H.	Apex.
24	Hunter, A. B.	Apex.
25	Hemphill, Wm. E., M. D.	Arden.
44	Hunter, Jas. E., M. D.	Brinkleyville.
50	Hauck, A. F., M. D.	Blowing Rock.
61	Hawley, F. O., Jr.	Charlotte.
81	Hasty, Edward T. (col.)	Monroe.
89	Henderson, James A.	Charlotte.
93	Hughes, C. M., M. D.	Cedar Grove.
103	Holliday, Robt. W.	Clinton.
110	Howell, Prof. E. V.	Chapel Hill.
120	Hood, D. H.	Dunn.
123	Hood, Nathan B.	Dunn.
135	Hackney, Hugh P.	Durham.
137	Hackney, Robt. P.	Durham.
139	Harper, J. E.	Charlotte.
143	Haywood, Chas. L.	Durham.
151	Harrison, A. S., M. D.	Enfield.
161	Horne, H. R.	Fayetteville.
166	Horne, Warren W.	Fayetteville.
171	Horne, Samuel R.	Fayetteville.
180	Hooks, Arthur	Richmond, Va.
187	Haithcock, S. S.	Greensboro.
606	Hanks, John B.	Richmond, Va.

No. Certificate.	Name.	Address.
200	Hill, John H., Jr.	Goldsboro.
207	Holt, Edwin M.	Louisville, Ky.
212	Hooker, Thomas M.	Greenville.
236	Hayes, Wm. A.	Hillsboro.
254	Hays, Geo. W., M. D.	Highland.
265	Hood, J. E.	Kinston.
283	Hunter, Norman C., M. D.	Rockingham.
298	Houston, Clarence E.	Monroe.
306	Hall, Thomas N.	Mooresville.
324	Henry, Thomas A.	New Bern.
326	Harget, D. A.	New Bern.
335	Hart, Louis W.	Norwood.
338	Hall, John G	Oxford.
340	Hancock, F. W.	Oxford.
342	Hamilton, R. L.	Oxford.
345	Hester, J. R., M. D.	Prospect Hill.
357	Hicks, Henry T.	Raleigh.
358	Hunter, B. W.	Raleigh.
391	Hunter, Thomas B.	Rockingham.
393	Hambrick, W. R.	Roxboro.
415	Higgins, Charles M.	Salisbury.
416	Hood, Thomas R.	Smithfield.
418	Hood, William D.	Smithfield.
432	Hall, William F., Jr.	Statesville.
457	Hargrave, W. W.	Knoxville, Tenn.
460	Harper, Clarence P.	Selma.
465	Holler, Odis L., M. D.	Taylorsville.
469	Hardin, John H.	Wilmington.
486	Hall, James M.	Wilmington.
492	Hargrave, B. W.	Wilson.
495	Herring, Doane	Wilson.
496	Hollowell, Jabez K.	Wilson.
510	Hunter, F. P.	Warrenton.
518	Hardison, J. A.	Wadesboro.
525	Harrison, Wm. B.	Greensboro.
565	Herndon, Manly D.	Durham.
568	Hudson, John E.	Kinston.
572	Hall, Percy O.	Wilmington.

No. Certificate.	Name.	Address.
583	Howell, Johnnie T.	Kenly.
607	Hunter, M. C., M. D.	Stanly.

I

14	Irvine, Frank D.	Reidsville.
407	Isenhour, J. B.	Salisbury.

J

5	Jacobs, Fred L.	Asheville.
27	Johnson, J. McN.	Aberdeen.
57	Jordan, R. H.	Charlotte.
95	Johnson, D. D.	Concord.
99	Jones, E. J.	Concord.
115	Jordan, A. C., M. D.	Caldwell Institute.
177	Joyner, T. C.	Franklinton.
195	Johnson, A. S.	Greensboro.
215	Jordan, G. E., M. D.	Gibsonville.
229	Justus, W. H.	Hendersonville.
251	Jarratt, T. F.	Richmond, Va.
351	Johnson, J. I.	Raleigh.
368	Jacocks, F. G.	Raleigh.
409	Johnson, W. M.	Salisbury.
428	Johnson, R. M.	Scotland Neck.
442	Johnson, Sarah F.	Southern Pines.
443	Johnson, Alice E.	Southern Pines.
463	Julian, C. A., M. D.	Thomasville.
484	Jarman, J. F.	Wilmington.
503	Jones, W. A. (col.)	Winston.
539	James, F. C., M. D.	Bethel.
542	Judd, J. M., M. D.	Fuquay Springs.
564	Joyner, C. C., M. D.	Farmville.
590	Jones, H. E. (col.)	Asheville.
597	Jones, W. J., M. D.	Seven Springs.

K

82	Kidd, W. W.	Charlotte.
33	Kluttz, Felix H.	Albemarle.
132	King, C. E.	Durham.
145	King, H. L.	Durham.

No. Certificate.	Name.	Address.
163	King, R. B.	Fayetteville.
228	Kerner, L. C	Henderson.
216	Kendrick, T. W.	King's Mountain.
314	Klutz, P. J.	Maiden.
359	King, W. H.	Raleigh.
360	King, O. G.	Raleigh.
387	Kirkman, C. M.	Smithfield.
395	Kyser, P. B.	Rocky Mount.
401	Kluttz, T. F.	Salisbury.
423	Kendall, H. E.	Shelby.
424	Kendall, B. H.	Shelby.
459	Kluttz, E. E., M. D.	Troutman.
470	Kingsbury, W. R.	Wilmington.
502	Kluttz, A. J.	Greensboro.
519	Kellam, R. A.	Elizabeth City.
545	Kellam, W. D., M. D.	Belhaven.
587	King, C. H.	Durham.
275	Kent, A. A., M. D.	Lenoir.
616	Kidd, Charles B.	Charlotte.

L

36	Lindsay, T. W.	Beaufort.
101	Lee, A. M., M. D.	Clinton.
102	Lee, R. E., M. D.	Clinton.
119	Lyday, W. M., M. D.	Calhoun.
157	Leggett, W. A.	Edenton.
158	Leggett, P. O.	Morehead City.
179	Lewis, G. W., M. D.	Fremont.
239	Leggett, K., M. D.	Hobgood.
256	Lewis, H. W., M. D.	Jackson.
322	Leslie, W. A.	Morganton.
353	Lodge, W. A.	Raleigh.
288	Lee, Allen	Smithfield.
419	Lutterloh, I. H., M. D.	Sanford.
427	Landquist, T. E.	Salem.
491	Lucas, J. W.	Wilson.
544	Lawing, K. L.	Lincolnton.
549	LeBoo, P. S. (col.)	Durham.
561	Latham, A. C., Jr.	Belhaven.

No. Certificate.	Name.	Address.
570	Lynch, N. W.	Bessemer City.
574	Lee, L. V., M. D.	Lattimore.
369	Laubenheimer, J. H.	Upper Montclair, N. J.
370	Love, J. H. (col.)	Raleigh.
490	LeGwin, J. B.	Wilmington.

M

271	McDonald, H. M.	LaGrange.
272	McDonald, A. M.	LaGrange.
273	McMillan, J. D., M. D.	Lumberton.
291	Martin, S. L., M. D.	Leaksville.
293	McKay, J. F.	Lillington.
605	McCauley, M. E.	Monroe.
300	McAnally, C. B., M. D.	Madison.
307	Miller, E. H.	Mooresville.
309	Morphew, M. F., M. D.	Marion.
312	McIntyre, A. J., M. D.	Morehead City.
315	Moose, A. W.	Mount Pleasant.
316	Moose, G. D.	Mount Pleasant.
320	McKesson, L. W.	Morganton.
362	McClenahan, W. A.	Norfolk, Va.
366	McGeachy, Alex.	Hope Mills.
379	MacNair, W. R.	Henderson.
392	Morris, J. De	Roxboro.
394	May, W. A.	Rocky Mount.
406	Manly, J. B.	Salisbury.
414	Mayo, T. H.	Greensboro.
420	Monroe, W. A., M. D.	Sanford.
434	Maxwell, C. S., M. D.	Snow Hill.
440	McNeill, J. A., M. D.	Shallotte.
449	Mitchenor, J. A.	Selma.
454	MacNair, W. H.	Tarboro.
534	McKay, H. H.	Tarboro.
464	Missildine, E. E.	Tryon.
467	Munds, J. C.	Wilmington.
468	Munds, W. C.	Wilmington.
16	McMinn, James M.	Asheville.
18	Moody, W. F.	Charlotte.
32	Mauney, C. J.	Albemarle.

No. Certificate.	Name.	Address.
332	Montague, G. W.	Bethel Hill.
56	Matthews, T. A., M. D.	Castalia.
60	McLauchlin, D. A.	Charlotte.
63	McAden, J. H., M. D.	Charlotte.
92	Murphy, W. E., M. D.	Corbett.
96	Marsh, M. L.	Concord.
106	Merritt, E. S.	Chapel Hill.
113	McLeod, Gilbert, M. D.	Carthage.
126	McNeeley, S. H., M. D.	Canton.
134	Matthews, A. B.	Durham.
144	Mabry, W. A.	Durham.
153	Matthews, G. E.	Enfield.
165	McKethan, J. A., M. D.	Fayetteville.
182	McIlhenny, J. K.	Greensboro.
190	McNair, W. L. (col.)	Greensboro.
198	Montague, G. B.	Garner.
206	Miller, C. B.	Goldsboro.
208	MacKay, D. McN.	Goldsboro.
220	Mitchell, P. A.	Graham.
241	Menzies, E. B.	Hickory.
243	Martin, W. S.	Hickory.
246	Matton, G. A.	High Point.
247	Mann, J. D.	High Point.
255	McIver, J. A.	Jonesboro
258	McKay, J. L., M. D.	King's Mountain.
477	Mask, T. R., M. D. (col.)	Wilmington.
481	Moore, B. C.	Wilmington.
485	Mintz, M. B.	Wilmington.
513	McKeel, C. B.	Washington.
527	McIntosh, J. B. S.	Waynesville.
541	Mitchell, J. H., M. D.	Ahoskie.
551	Mayer, C. R.	Charlotte.
557	McKinnon, W. L.	Maxton.
581	Moore, C. E., Jr.	Wilson.
608	McLarty, Eugene	Waxhaw.
612	McNeill, G. McK.	Rowland.
173	Mansfield, A. L.	Fayetteville.

N

No. Certificate.	Name.	Address.
47	Nichols, Z. W.	Brevard.
244	Norman, J. S.	Hickory.
245	Nicholson, W. H.	Hickory.
323	Nicholson, T. H.	Murfreesboro.
473	Niestlie, William	Wilmington.
586	Nicholson, A. T.	Tarboro.
374	Nottingham, G. S.	Raleigh.

O

500	O'Hanlon, E. W.	Winston.
575	Oates, George, M. D.	Grover.

P

41	Parker, G. E., M. D.	Benson.
4	Pelham, S. D.	Asheville.
12	Pfafflin, H. A.	Asheville.
21	Pelham, J. W., M. D.	Asheville.
77	Purcell, E. P.	Charlotte.
88	Purcell, S. M.	Charlotte.
109	Patterson, Alvis	Chapel Hill.
150	Perry, W. M.	Elizabeth City.
164	Perry, H. H. (col.)	Fayetteville.
193	Page, B. F.	Greensboro.
204	Powell, D. A.	Goldsboro.
202	Powell, J. W.	Goldsboro.
223	Palmer, R. W., M. D.	Gulf.
224	Pate, W. T., M. D.	Gibson.
226	Parker, W. W.	Henderson.
237	Parris, D. C., M. D.	Hillsboro.
263	Parrott, W. T., M. D.	Kinston.
284	Perry, E. B.	Littleton.
289	Pleasants, F. R.	Louisburg.
303	Perry, M. P., M. D.	Macon.
346	Pilkington, G. R.	Pittsboro.
347	Pearsall, A. L.	Pinehurst.
363	Parker, F. W.	Raleigh.
404	Plummer, James	Salisbury.
512	Pendleton, M. M.	Warrenton.

No. Certificate.	Name.	Address.
532	Perry, H. W.	Yanceyville.
555	Pemberton, T. R.	Leaksville.
562	Picot, L. J., M. D.	Littleton.
566	Pope, J. A.	Lumberton.
567	Pinnix, J. M.	Kernersville.
585	Pike, J. W.	High Point.
604	Patrick, J. E., M. D.	Snow Hill.
350	Pescud, J. S.	Raleigh.
614	Patterson, Wallace D.	Chapel Hill.
619	Powell, James B.	Oxford.

R

2	Raysor, C. A.	Asheville.
87	Reese, A. B.	Charlotte.
602	Robertson, J. B., M. D.	Clayton.
146	Rowland, G. J.	Durham.
111	Rhodes, T. F.	E. Stroudsburg, Pa.
175	Rinehart, M. T.	Franklin.
184	Richardson, L.	Greensboro.
196	Roberts, A. R.	Gatesville.
201	Robinson, M. E., M. D.	Goldsboro.
249	Ring, W. A.	High Point.
264	Rutherford, L. A., M. D.	Kinston.
270	Reedy, John	Lincolnton.
295	Robinson, Frank, M. D.	Lowell.
388	Robertson, F. H.	Roanoke Rapids.
397	Robinson, Harry, M. D.	Ridgeville.
517	Reaves, L. E.	Waxhaw.
520	Richardson, W. L.	Wadesboro.
529	Reeves, Jefferson	Waynesville.
531	Riddick, I. G., M. D.	Youngsville.
538	Reitzel, C. E., M. D.	Youngsville.
550	Rogers, J. A.	Lillington.
563	Reagan, J. R.	Bryson City.
588	Ring, L. B.	Elkin.
622	Rogers, Williams	Asheville.

S

3	Smith, T. C., M. D.	Asheville.
6	Smith, W. G.	Asheville.
8	Smith, F. S.	Asheville.

No. Certificate.	Name.	Address.
17	Southerland, Odell	Charlotte.
22	Sisk, C. G.	Asheville.
26	Stribling, W. G.	Anderson, S. C.
34	Snuggs, W. H.	Albemarle.
52	Stafford, W. G., M. D.	Burlington.
55	Stroud, T. H.	Burlington.
59	Scott, J. M.	Charlotte.
73	Sheppard, J. W.	Charlotte.
78	Stowe, J. P.	Charlotte.
104	Sanders, T. F.	Clinton.
116	Swaringen, DeWitt C.	China Grove.
124	Skinner, R. E. L.	Dunn.
129	Summey, Ptolemy	Dallas.
140	Sledge, R. S.	Wake Forest.
141	Sneed, P. C.	Durham.
159	Sedberry, C. D.	Fayetteville.
160	Sedberry, H. S.	Fayetteville.
167	Sykes, A. J.	Greensboro.
168	Sykes, Eugene	Greensboro.
174	Smith, F. T.	Franklin.
191	Smith, Charles H.	Greensboro.
221	Simmons, J. C.	Graham.
310	Streetman, J. W.	Marion.
235	Seagle, R. L.	Hendersonville.
240	Shuford, C. M.	Hickory.
266	Sugg, J. P., M. D.	Kittrell.
268	Smith, J. B., M. D.	Lexington.
274	Shell, J. E.	Lenoir.
285	Swindell, D. C.	Rocky Mount.
296	Stevens, J. H.	Knoxville, Tenn.
299	Simpson, C. N., Jr.	Monroe.
318	Smith, John R.	Mount Olive.
259	Sprague, J. F.	New York.
336	Strickland, J. T., M. D.	Nashville.
339	Stedman, J. P.	Oxford.
343	Stroud, O. B., M. D.	Ore Hill.
348	Shore, M. L.	Raleigh.
352	Simpson, William	Raleigh.

No. Certificate.	Name.	Address.
355	Simpson, Robert	Raleigh.
373	Simpson, T. S.	Winston.
384	Sapp, L. L., M. D.	Reidsville.
396	Shaw, A. M.	Washington.
411	Sloop, L. L.	Salisbury.
426	Shaffner, H. F.	Salem.
431	Stimson, Logan	Statesville.
439	Springer, E. D.	South Creek.
441	Saddelson, G. H., M. D.	Southern Pines.
447	Shankle, H. D., M. D.	Saluda.
453	Staton, L. L., M. D.	Tarboro.
472	Scott, A. L.	Petersburg, Va.
476	Shepard, J. C., Jr.	Wilmington.
479	Sasser, L. B.	Wilmington.
487	Smith, J. A.	Wilmington.
505	Stone, A. H.	Spray.
508	Saintsing, J. E.	Southern Pines.
536	Smith, F. L.	Concord.
547	Streetman, T. L.	Asheville.
552	Stewart, W. M.	Charlotte.
579	Sykes, J. A.	Greensboro.
582	Singletary, W. O.	Union, S. C.
584	Sedberry, H. B., Jr.	Fayetteville.
591	Spencer, W. B.	Murfreesboro.
592	Seawell, C. C.	Southern Pines.
596	Sauls, M. M.	Ayden.
121	Sexton, C. H., M. D.	Dunn.

T

10	Thormann, A. W.	Asheville.
147	Thomas, E. R.	Durham.
227	Thomas, J. T.	Henderson.
261	Temple, R. H., M. D.	Kinston.
287	Thomas, W. G.	Raleigh.
321	Tull, John	Morganton.
341	Taylor, J. L.	Oxford.
248	Tucker, W. M.	Wadesboro.
375	Tarkinton, E. L.	Raleigh.
383	Tucker, R. H.	Reidsville.

No. Certificate.	Name.	Address.
398	Thigpen, J. K.	Goldsboro.
400	Turner, W. D.	Randleman.
408	Thompson, C. L.	Thomasville.
430	Tunstall, N. R.	Statesville.
433	Tunstall, W. P.	Statesville.
593	Thompson, A. F., M. D.	Troy.
462	Thomas, C. R.	Thomasville.
480	Thomas, J. E. (col.)	Wilmington.
494	Taylor, F. L.	Oxford.
497	Thompson, V. O., M. D.	Winston.
499	Thompson, P. A.	Winston.
509	Thomas, C. A., M. D.	Warrenton.
521	Thompkins, W. C., M. D.	Webster.
558	Tyson, T. D., M. D.	Mebane.
292	Teal, Cornelius, M. D.	Linville.
222	Thompson, A. J.	Durham.
385	Townsend, E. F.	Red Springs.
609	Trotter, P. L.	High Point.

U

39	Underhill, H. P.	Bayboro.
252	Utley, B. S., M. D.	Holly Springs.

V

600	Vick, W. H. (col.)	Charlotte.
130	Vaughan, P. W.	Durham.

W

242	Wootten, G. R.	Hickory.
269	Welborne, W. F.	Lexington.
43	Welsh, S. J., M. D.	Monroe.
301	Walker, Lewis	Milton.
311	Webb, T. D.	Morehead City.
331	Williston, F. O. (col.)	Norfolk.
344	Ward, W. H., M. D.	Plymouth.
349	Williams, R. I.	Raleigh.
372	Williamson, J. L.	Winchester, Va.
410	Worthen, B. S.	Spencer.
425	Webb, C. I.	Shelby.

No. Certificate.	Name.	Address.
429	Whitehead, E. T.	Scotland Neck.
435	Watson, D. I.	Southport.
436	Watson, G. Y.	Southport.
444	Wheeless, J. M.	Robersonville.
451	Walton, C. B., M. D.	Saratoga.
478	Wright, S. P., M. D.	Wilmington.
504	Watson, H. P.	Winston.
556	White, H. G.	Elm City.
559	Washam, W. W., M. D.	Cornelius.
569	Wilkins, W. R.	King's Mountain.
594	Wooten, F. M.	Greenville.
599	White, T. C. (col.)	Raleigh.
611	Wright, J. B., M. D.	Granite Fall.
211	Wooten, J. L.	Greenville.
11	Walker, T. A.	Asheville.
15	Webb, Paul	Shelby.
19	Way, David	Asheville.
20	Wheeler, L. B.	Asheville.
42	Whitaker, A. S., M. D.	Biltmore.
48	Williams, Edgar E.	Brevard.
67	Wearn, W. H.	Charlotte.
70	Wilson, W. M.	Charlotte.
71	Williams, J. T., M. D. (col.)	Charlotte.
72	Wriston, L. R.	Charlotte.
75	Woodall, J. P.	Charlotte.
84	Wilson, W. M., Jr.	Charlotte.
90	Williams, M. P.	Charlotte.
91	Waldo, E. O.	Cary.
100	Williams, S. W.	Concord.
105	Wilson, T. J., M. D.	Chapel Hill.
125	White, J. A.	Davidson.
148	Ward, H. B.	Echo.
152	Whitaker, W. B.	Enfield.
155	White, W. G.	Gainsville, Fla.
156	Whittington, J. M., M. D.	East Bend.
169	Watson, J. B.	Newton.
172	Williston, J. T. (col.)	New Bern.
185	Ward, G. W.	Greensboro.

No. Certificate.	Name.	Address.
194	Williams, H. E. (col.)	Salisbury.
203	Williams, W. V.	Goldsboro.
218	Walker, C. A.	Asheville.
230	Waldrop, J. G., M. D.	Hendersonville.
613	Walker, Emmett E., M. D.	Snow Hill.

Y

405	Young, John	Salisbury.
131	Yearby, W. M.	Durham.
304	York, N. D., M. D.	Mebane.
308	Young, James, M. D.	Mooresville.
446	Yarbrough, A. C.	Spring Hope.

Z

524	Zollicoffer, A. R., M. D.	Weldon.
452	Zoeller, E. V.	Tarboro.

EXAMINATION.

The following is published in order to show the scope and grade of examinations of the Board.

In order to pass, a general average of 75 per cent., with a minimum limit of 50 per cent. in any of the three branches, is required.

The examinations require a day's time, conducted at two sittings.

RULES GOVERNING THE EXAMINATIONS.

No Candidate is allowed to communicate in any way with another.

Answer the questions by number, and where there are subdivisions start each on a new line. Proportionate credit will be allowed for partial answers.

Incorrect spelling or grammar and bad handwriting will detract from final rating. Three hours' time is alloted in which to complete the examination, under each branch.

MATERIA MEDICA, TOXICOLOGY, AND POSOLOGY.

1. IPECAC.—Give official definition, medical properties in small and large doses. Give habitat. Name principal constituent and dose. Name all official preparations with dose of each.

2. VALERIAN.—Give official definition, medical properties and dose. Give habitat. Name principal constituent. Name all official preparations with dose of each.

3. OPIUM.—Give official definition, medical properties and dose. Name the official alkaloids and their salts with dose of each. Give a test for morphine. What per cent. of morphine should each, the crude and powder, contain? Which form is used in the official preparations? Name the official preparations and give doses of same.

4. ANIMAL DRUGS.—Give the official and common names and parts used of the drugs derived from the following sources:
   (*a*) Gadus morrhuae.
   (*b*) Bos taurus.
   (*c*) Ovis aries.

5. DIGESTIVE FERMENTS.—(*a*) Name the two principal digestive ferments. (*b*) The animal and part of the animal from which each is derived. (*c*) The kinds of food upon which they act, and the part of the digestive tract in which this action takes place.

6. Give the official English, and common names, if any, of the following drugs: Gaultheria, Mentha Viridis, Humulus, Convallaria, Leptandra, Theobroma, Frangula, Eupatorium, Anthemis, Lappa.

7. Give the Latin official titles of the following drugs: Balm, Pennyroyal, Poke, Yellow Dock, Slippery Elm, Sweet Flag, Couch Grass, Horehound, Thornapple, Henbane.

8 What part of the plant do the following drugs represent? Capsicum, Gentian, Nux Vomica, Scammony, Buchu, Dulcamara, Wild Cherry, Copaiba, Arnica, Ammoniac.

9. Give the average dose of the following: Asafœtida, Arseni Iodidum, Acidum Carbolicum, Acidum Gallicum, Antimonii et Potassii Tartras, Ammonii Chloridum, Hyoscinæ Hydrobromas, Apomorphinæ Hydrochloras, Balsamum Peruvianum, Veratrina, Extractum Digitalis, Extractum Taraxaci, Extractum Pilocarpi, Extractum Aconiti Fluidum, Extractum Belladonnæ Foliorum Fluidum, Extractum Colchici Radicis Fluidum, Extractum Nucis Vomicæ Fluidum, Tinctura Cinchonæ Composita, Tinctura Gentianæ Composita, Tinctura Ferri Chloridi.

10. Give antidote for poisoning by: Strychnine, Aconite, Sugar of Lead.

11. What are the Pharmacy Law requirements in regard to the sale of poisons?

12. Identify the specimens submitted.

PHARMACEUTICAL CHEMISTRY.

1. How do the following differ physically and chemically? Whiting, Chalk, Prepared Chalk, Precipitated Chalk. Why do these substances effervesce on the addition of a mineral acid?

2. Mention the two official Chlorides of Mercury. What products are formed when each is added to Lime Water? What are the differences, if any, between Yellow, Green, Red, and Protiodide of Mercury?

3. Given two unlabelled packages, one containing Sodium Bicarbonate, and the other Potassium Bitartrate, by what chemical test could you identify the two substances?

4. Give the official title and common name of the product that is obtained by adding hydrochloric acid to nitric acid? What property is peculiar to this product? How does the Pharmacopœia direct that the strength of acids shall be ascertained?

5. How could you prepare ammonia gas from Ammonium Chloride? What compound is formed if the gas be conducted into water containing Sulphuric Acid?

6. How would you distinguish chemically between (*a*) Potassium Iodide and Potassium Bromide, (*b*) Ammonium Chloride and Magnesium Sulphate, (*c*) Powdered Strychnine Sulphate and Powdered Boric Acid?

7. Why does Ferrous Sulphate become brown by prolonged exposure to air? How can a ferrous salt in solution be converted into a ferric salt? What compound of iron is formed in the preparation of Basham's Mixture?

8. What decomposition, if any, takes place when each of the following is heated? (*a*) Sal Tartar, (*b*) Sulphur, (*c*) Potassium Chlorate.

9. Give an example of a solid, a liquid, and a gaseous inorganic acid. Name two official organic acids.

10. What is the source of, (*a*) Carbolic Acid, (*b*) Cream of Tartar, (*c*) Oleic Acid?

11. Recognize Specimens.

PHARMACY.

1. Explain the relation between the Kilo and Litre.
What are their commonly used sub-divisions and values?
What are their equivalents in the Apothecaries and Avoirdupois Weights and Fluid Measures?

2. How much Atropine Sulphate is required to make 30 Cc., of a 2.5 per cent. solution of this salt?

3. If 500 Grams of Syr. Ferri Iodidi (s. g. 1.33) cost $0.80, how much would a Litre cost? How much would 8 fluid ounces cost?

4. Name best solvent for:
Benzoin, Potassium Iodide, Camphor, Bismuth Subnitrate, Aloes, Sulphur.

5. How would the following substances be effected, if at all, by exposure to the air in an open dish?
Sodium Bromide, Ammonium Bromide, Potassium Iodide, Sulphuric Acid, Glycerine, Menthol.

6. From what sources are Fixed Oils and Fats obtained? What are their general properties? How would you distinguish Fixed Oils from Volatile (Essential) Oils? Give two examples of Fixed Oils. Two of Volatile Oils.

7. Give a brief outline of the preparation of the following, stating materials used and noting any special points to be observed in manipulation: Syrup of Wild Cherry, Tincture of Opium, Solution of Ferric Chloride, Aromatic Spirit of Ammonia, Tincture of Ferric Chloride.

8. (*a*) Select an official preparation made by Percolation and give in detail the process of manufacture.

(*b*) What conditions are necessary to conduct the operation successfully?

(*c*) What properties should characterize a menstruum?

9. How would you determine the strength of Alcohol? How does Alcohol differ from Absolute Alcohol? From Dilute Alcohol?

10. Prescription reading. Originals from store files.

11. Recognize specimens.

Criticise minutely the following: as to dosage, incompatibilities, and methods of compounding.

PRESCRIPTION No. 1.

Hydrargyri Bichl. 8.0
Tinct. Ferri Chl. 9.3
Quin. Mur. 4.0
Aquae ad 240.0
M.
Sig. 4C.C. in water t. i. d.

PRESCRIPTION No. 2.

Hydrarg. Sub Mur. drs. ii
Bism. Sub Nit. gr. xii
Sodii Bicarb. gr. xxiv
M. et. ft. pulv. et
div. in Char. xii.
Sig., one every hour.

PRESCRIPTION No. 3.

Morphin. Sulph. gr. vi
Potass. Bromid. oz. i
Tinct. Belladon.
" Nuc Vom. aa oz. ss
Aquae adde oz. iii
M.
Sig., Teaspoonful every 3 hours for pain.

PRESCRIPTION No. 4.

Strych. Sulph. gr. ii
Liq. Potass. Ars. oz. i
M. ft. Sol.
Sig., Gtt. x t. i. d.

Complete the following prescription by: (*a*) expanding abbreviated words to full form; (*b*) fill in maximum dose of each ingredient for adult; (*c*) translate the directions, giving full meaning of each abbreviation:

Mag. Sulph.
Acid. Sulph. Arom.
Quinin. Sulph.
Tinct. Opii.
Aq. q. s. ad. 8 fluid ounces.
M. Sig., C. P., t. i. d., p. c.

LAWS OF NORTH CAROLINA RELATING TO THE PHARMACISTS AND PHARMACEUTICAL ASSOCIATION.

E. M. Nadal, S. J. Hinsdale, William Simpson, E. H. Meadows, T. C. Smith, John S. Pescud, and such other persons as may be associated with them under this chapter, are made a body corporate under the name and style of the North Carolina Pharmaceutical Association, and by said name shall have the right to sue and be sued, to plead and be impleaded, to purchase and hold real estate and grant the same, to have and use a common seal, and to do such other things and perform such other acts as appertain to bodies corporate and politic not inconsistent with the Constitution and Laws of the State.

Section 3135 of The Code.

A body politic; its name and corporate power.

The object of said Association is to unite the pharmacists and druggists of this State for mutual aid, encouragement and improvement, to encourage scientific research, develop pharmaceutical talent, to elevate the standard of professional thought, and ultimately restrict the practice of pharmacy to properly qualified druggists and apothecaries.

Section 3146.

Object of incorporation.

No person, unless a licensed pharmacist within the meaning of this chapter, except as hereinafter provided, shall open or conduct any pharmacy or store for retailing, dispensing, or compounding medicines or poisons; nor shall any one not a licensed pharmacist prepare physicians' prescriptions, except under the supervision of a licensed pharmacist: *Provided*, Nothing herein shall prevent the sale of patent or proprietary medicines, quinine, epsom salts, castor oil, essence of peppermint, paregoric, laudanum in original packages, calomel, camphor or sweet oil.

Section 3137.

Unlawful for person other than licensed pharmacist to conduct pharmacy.

Acts of 1897.

Any person in order to be licensed shall be a graduate of some college in pharmacy recognized by the North Carolina Board of Pharmacy; or shall [at the passage of this act] have had three years' practical experience in the preparation of physicians' prescriptions, and in compounding and vending medicines and poisons, or shall be a licentiate of pharmacy of the Board of Pharmacy of North Carolina

Section 3138.

Qualifications for membership.

Acts of 1897.

Pharmacists claiming the right to be licensed under the preceding section, on account of practical experience, shall within ninety days after its passage, show to the satisfaction of the Board of Pharmacy created by this chapter, that they have had three years' practical experience in the preparation of physicians' prescriptions, and in compounding and vending medicines and poisons: *Provided*, Nothing in

Section 3139.

Qualifications for membership on account of practical experience.

Proviso.

this section shall apply to any person in business on his own account. Licentiates in pharmacy must have had three years' experience in stores where prescriptions of medical practitioners have been prepared, and shall have passed an examination before the Board of Pharmacy. The Board of Pharmacy may license without further examination the licentiate of such other Boards of Pharmacy as they may deem proper.

Licentiate in pharmacy.

Acts of 1897.

Acts of 1891.

Section 3140. This Association shall elect ten of its members, from whom the Governor selects five, who shall compose the Board of Pharmacy. The Board is empowered to transact all business relating to the legal practice of pharmacy; to examine into and adjudicate upon all cases of abuse, fraud, adulteration, substitution or malpractice, and to enforce all the provisions of the law, and to render an annual account to the proper State authorities and to the Association. Any one examined by the Board shall pay a fee of five dollars. In case of failure to pass a satisfactory examination, he shall be granted a second examination without the payment of a further fee. It shall be the duty of the members of the Board, after receipt of notification of their appointment, to appear before the Clerk of the Superior Court of the county in which they individually reside, and make and subscribe to an oath properly and faithfully to discharge the duties of their office, and within thirty days thereafter meet and organize, by the election of a President and Secretary and Treasurer of said Board. The Secretary and Treasurer shall be elected to serve for the term of five years, and the term of other members shall be determined by lot. The Board shall hold meetings at least once annually, or oftener, as the business of the Board may require. The Secretary shall give each member of the Board not less than ten days' notice of each meeting. Three members shall constitute a quorum. It shall be the duty of the Board to examine all persons applying for examination in proper form, and to license such as shall establish their rights to be licensed. The Secretary and Treasurer of said Board shall be a bonded officer, held in bond of one thousand dollars, to be made [payable] to the said North Carolina Pharmaceutical Association and approved by the Executive Committee of said Association.

Board of Pharmacy; its duties.

Examination fee.

Acts of 1897.

Oath of membership.

Officers.

Term of office.

Meetings.

Quorum.

Acts of 1891.

Bonded officers.

Section 3141. It shall be the duty of the Secretary to the Board of Pharmacy to keep a book of licentiates at some convenient place, of which due notice shall be given through the public press, in which shall be entered, under the supervision of the Board, the name and place of business of all persons coming under provisions of this chapter, and a statement (to be signed by the person making the application) of such facts in the case

Duty of Secretary.

as he may claim to justify his application. The fee for the licensing of proprietors shall not exceed two dollars, and for those in the employ of others shall not exceed one dollar. The Secretary shall give receipts for all moneys received by him, which moneys shall be used for the purpose of defraying the expenses of the Board of Pharmacy, and any surplus shall be for the benefit of said Association. The salary of the Secretary shall be fixed by the Board, and shall be paid out of the fees for examination and license. Each member of the Board of Pharmacy shall be paid the sum of five dollars for every day during which he is engaged in the service of the Board, and all necessary expense incurred in attending the meetings of the same. It shall be the duty of the Board to investigate all complaints of disregard, non-compliance or violation of this chapter, and to bring the same to the notice of the proper prosecuting officer, whenever there appears to the Board reasonable grounds of complaint. The Board is empowered to make such rules and regulations as it shall find necessary for carrying out this law, not inconsistent with the purpose and spirit of the same.

Acts of 1897.

Fee for license

Salary of Secretary.

Acts of 1891.

Compensation of members of the Board.

Duty to investigate complaints.

Rules.

Every person shall be held responsible for the quality of all drugs, chemicals and medicines he may sell or dispense, with the exception of those sold in the original packages of the manufacturers, and also those known as "patent medicines;" and should he intentionally adulterate or cause to be adulterated, or exposed to sale, knowing the same to be adulterated, such drugs, chemicals or medical preparations he shall be guilty of a misdemeanor, and liable to a penalty not exceeding one hundred dollars, and in addition thereto his name shall be stricken from the book of licentiates.

Section 3142.

Responsibility for quality of drugs, etc.

Misdemeanor to intentionally adulterate.

Penalty.

Every licensed pharmacist, who desires to continue the practice of his profession, shall annually thereafter, within thirty days preceding the annual meeting of the Board of Pharmacy, pay to the Secretary of said Board a license fee of one dollar, for which he shall receive a renewal of said license. "Every licentiate in pharmacy" shall display in some conspicuous place in his store or place of business, his license, which shall be *prima facie* evidence of his having been licensed by the Board of Pharmacy, and any licensed pharmacist failing to renew and display his license as required by this section, and continuing in the exercise of his profession, shall be guilty of a misdemeanor.

Acts of 1897.

Fee for renewal of license.

Acts of 1897.

Required to display license in conspicuous place.

Penalty for failure to display license.

No person, under a penalty of twenty-five dollars for every offence, except as herein provided, shall retail any poison enumerated in Schedules A and B, as follows, to-wit:

Section 3143.

Unlawful to retail certain poisons without label.

SCHEDULE A.

Arsenic and its preparations, corrosive sublimate, white precipitate, red precipitate, biniodide of mercury, cyanide of potassium, hydrocyanic acid, strychnine, and essential oil of bitter almonds.

SCHEDULE B.

Aconite, belladonna, colchicum, conium, nux vomica, henbane, savin, ergot, cotton root, cantharides, creosote, digitalis, and their pharmaceutical preparations, croton oil, chloroform, chloral hydrate, sulphate of zinc, carbolic acid, oxalic acid, opium and its preparations, except paregoric and other preparations of opium containing less than two grains to the ounce, and other deadly poisons without distinctly labelling the bottle, box, vessel or paper in which said poison is contained, with the name of the article, the word "poison," or vignette representing the skull and bones, and the name and place of business of the seller; nor shall it be lawful for any person to sell or deliver any poison enumerated in Schedules A and B, unless upon due inquiry it be found that the purchaser is aware of its poisonous nature, and represents that it is to be used for a legitimate purpose; nor shall it be lawful for any person to sell any poison included in Schedule A without, before delivering the same to the purchaser, causing an entry to be made in a kook kept for that purpose, stating the date of the sale, the name and address of the purchaser, the name and quantity of the poison sold, the purpose for which it is represented by the purchaser to be required, and the name of the dispenser, such book to be always open to proper authorities for inspection. This section shall not apply to the dispensing of poison in usual doses and by physicians' prescriptions.

Unlawful to sell unless purchaser knows effects of poison.

Must enter name of poison, etc., in poison book.

Not apply to prescriptions, etc.

Section 3144. Nothing in the preceding section shall apply to or interfere with the business of any practitioner of medicine who does not keep open shop for the retailing of medicines and poisons; nor with the business of wholesale dealers, excepting the preceding section and the penalties for its violation.

Not to interfere with practitioner who does not keep open shop.

Section 3145. Acts of 1897. Any person who shall permit by wilful neglect the compounding and dispensing of prescriptions in his store or place of business by any person or persons not licensed, except under the supervision of a licensed pharmacist; or any person not licensed who shall keep open shop for the retailing or dispensing of medicines or poisons, or who shall fraudulently represent himself to be licensed, or any licensed pharmacist or any dealer in medicines who shall fail to comply with this chapter in relation to retailing and dispensing of poisons, shall, for every such offence, be guilty of a mis-

Misdemeanor to permit compounding of medicines by unlicensed person.

demeanor, and liable to a penalty not exceeding twenty-five dollars. Penalty.

The Governor shall appoint five reputable and practicing pharmacists, doing business within the State, from ten of said pharmacists recommended to him by the North Carolina Pharmaceutical Association. Said pharmacists so appointed shall constitute the Board of Pharmacy of the State of North Carolina, and shall hold office for the term of one, two, three, four or five years respectively, as herein provided, and until their succeesors have been duly elected and qualified. The North Carolina Pharmaceutical Association shall annually thereafter elect a pharmacist from their number to fill the vacancy annually occurring in said Board. Said pharmacist so elected shall be commissioned by the Governor, and hold office for the term of five years, and until his successor has been duly elected and qualified. In case of death, resignation or removal from the State of any member of said Board of Pharmacy, the said Board shall elect in his place a pharmacist who is a member of said Association, to serve as a member of the Board for the remainder of the term.

Section 3146. Board of Pharmacy; how appointed. Acts of 1891. Board of Pharmacy; how elected.

The penalties prescribed in this chapter shall be recoverable by suit, in the name of the people of the State, to be prosecuted by the proper officers of the counties respectively, where the violations of this chapter may be committed, and it shall be the duty of the sheriffs to see that this chapter is enforced. Practicing physicians in towns of less than five hundred inhabitants may be registered without examination.

Section 3147. Penalties; how recovered. Acts of 1897. Acts of 1891.

Section 1723 of The Code, as amended by Chapter 239, Acts of 1885, exempts all licensed druggists from jury duty.

Acts of 1885. Exemption from jury duty.

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